Ms. Judith Martin
O

WEST VIRGINIA WESLEYAN COLLEGE

1988-90 Academic Catalog

ADDENDUM
TO

1988-90 WEST VIRGINIA WESLEYAN COLLEGE CATALOG

September 25, 1989

On pages 68-70 of the current college catalog, add the following:

6. A concentration in Finance consists of 51 hours, including Business 1, 3, 5, 13, 14, 21, 22, 60, 61, 67, 70; plus 15 hours of electives selected from Business 10, 29, 41, 43, 45, and 47; Economics 40.

Add **Business 10 General Insurance** 3 hrs.
Basic concepts of insurance and risk handling including analysis of insurance company functions; auto, homeowner's, liability, life and health insurance from consumer point of view.

Add **Business 41 Fundamentals of Investing** 3 hrs.
Introduction to basic financial concepts relating to marketable investment choices (i.e., common stock, debt securities, options, futures, etc.). The student will examine the analysis and research necessary to make good investment choices and learn some of the language of investments.

Add **Business 43 Real Estate Fundamentals** 3 hrs.
Fundamentals of significance of real property, particularly the growth of communities. Analysis of principal legal concepts pertaining to location, financing, environmental factors, and causes of growth factors.

Add **Business 45 Financial Institutions** 3 hrs.
Analysis of the principles underlying decision-making in the administrations of specialized financial institutions and activities, such as commercial banks, savings and loan associations, insurance companies, finance companies, mutual funds, investment banking, mortgage banking.

Add **Business 47 Advanced Financial Analysis** 3 hrs.
Examination of the tools and techniques of financial planning and analysis at the level of the firm. Topics include capital budgeting, working capital management, capital structure strategy, and financial planning and forecasting.

Office of the Dean of the College

I certify that this supplement is true and correct in content and policy.

West Virginia Wesleyan 1989-90 Catalog Supplement

EXPENSES (pp. 19-21)

Instructional Charge The instructional charges in the table below apply to all students carrying 12-16 hours of work. For students carrying fewer than 12 hours, the charge is $350 per credit hour. For each credit hour in excess of 16, the charge is $250. The charge for private instruction is $350 per credit hour; for Master of Business Administration courses, $185 per credit hour; for Master of Education courses, $140 per credit hour.

Estimate of Expenses

1989-90	Semester	Year	Summer & January Term
Instruction	$4,215	$ 8,430	$ 175 per credit hour
General Fee	0	0	0
Room (double occupancy)	700	1,400	60 per week
Board	800	1,600	75 per week
TOTAL	$5,715	$11,430	

Drop General Fee.

Dependent's Fee Full-time students who are dependents of Wesleyan employees will pay a Dependent's Fee of $375 per semester.

Nursing Transportation Fee Change fee to $125 per semester.

Special Supportive Services Change charge for third year to $250 per semester.

Late Registration or Preregistration Change fee to $20.

DEGREES WITH DISTINCTION (p. 50)

Change requirement for cum laude to 3.50 to 3.69; magna cum laude to 3.70 to 3.89; summa cum laude to 3.90 and above.

ACADEMIC WARNING and ACADEMIC PROBATION (pp. 54-55)

Amend standards for Academic Probation and Warning: A student with 25 or more earned hours who fails in any semester to maintain an overall scholarship quotient of 2.00 or above will be placed on Academic Probation. A student with fewer than 25 earned hours and a scholarship quotient below 1.75 will also be placed on Academic Probation.

A freshman student with a total scholarship quotient of 1.75-1.99 and fewer than 25 earned hours at the end of any semester will be placed on Academic Warning for the next semester of attendance.

HEALTH AND PHYSICAL EDUCATION (p. 82)

Drop Physical Education 6 and 7.

Add **Physical Education 6 Sports Medicine I.** 2 hrs.
A course designed to introduce the student to the medical aspects of sports, including the basic principles of prevention, evaluation and treatment of athletic injuries. Laboratory sessions will introduce various wrapping and strapping techniques in addition to basic rehabilitation procedures. Prerequisite: Physical Education 52.

Add **Physical Education 7 Sports Medicine II.** 3 hrs.
An in-depth study of advanced medical aspects of sports, including athletic injury prevention, administrative procedures, research and rehabilitation techniques. Discussion of special topics such as the female athlete, pharmacology, and dermatology will be included. Prerequisite: Physical Education 6.

MUSIC (p. 98)

Add **Music 66 Guitar** 1-3 hrs.

NURSING (p. 99)

Under Admission, change to "... recommended grade point average of 2.50 or higher." Add Students with a grade point average of 2.25 to 2.49 will be evaluated based on an individual plan of study.

PHILOSOPHY (pp. 101-102)

Philosophy is the love of wisdom. It is the attempt to provide a vision of the whole. Thus it is by nature interdisciplinary. The department teaches the history of thought, skill in dialogue, and respect for the truth, all of which help make a person better. Philosophical study is recommended both for its own sake and for the intelligence and sense of purpose it brings to professional life.

Any of the department's offerings, except Philosophy 80, may be taken to fulfill Wesleyan's general studies requirement in Philosophy. However, courses 1-20 are designed especially for the general studies student. The department encourages students to begin with one of these courses before attempting any of the others.

Requirement for Major:

Twenty-four semester hours in the department including 10, 12, 15, 20, 60, 80.

Requirement for Minor:

Eighteen semester hours in the department including 10, 12 or 15, 20, 60.

1. Introduction to Philosophical Thinking. 3 hrs.
An introduction to thinking about basic questions of knowledge, reality, and value, through analysis of readings in the sciences, literature, and philosophy. Specially recommended for freshmen.

3. Political Philosophy. 3 hrs.
A GENERAL STUDIES introduction to philosophy through the study of the nature and good of politics.

5. Science, Reason and God. 3 hrs.
A GENERAL STUDIES introduction to philosophy through the study of the nature and value of knowledge in Western science and theology.

7. Ethics. 3 hrs.
A GENERAL STUDIES introduction to philosophy through the study of the nature and meaning of the good for persons.

10. Classical Philosophy. 3 hrs.
Reading and discussion of representative classic texts in Western Philosophy from the Pre-Socratics through Plato, Aristotle, and the Stoics. Suitable for general studies.

12. Medieval Philosophy. 3 hrs.
Reading and discussion of representative classic texts in Western philosophy from the beginnings of Christian philosophy to the Renaissance. Suitable for general studies.

15. Modern Philosophy. 3 hrs.
The history of philosophy continued from the Renaissance with emphasis on British empiricism and Continental Rationalism to Kant. Suitable for general studies.

20. Recent Philosophy. 3 hrs.
The history of philosophy continued from Kant to the present. Suitable for general studies.

30. The Foundations of Value Theory. 3 hrs.
An advanced course in selected contemporary philosophical problems in ethics, aesthetics, and political theory.

40. Modern Philosophy of Religion. 3 hrs.
An advanced course in contemporary problems in philosophical theology.

50. Oriental Philosophy. 3 hrs.
A survey of representative philosophical schools in India and China, including Hindu, Buddhist, and Confucian ethics, epistemology, and metaphysics.

60. Logic. 3 hrs.
An introduction to traditional syllogistic logic and to elements of modern symbolic logic with emphasis on improving the student's critical skills.

70. Contemporary Philosophical Debates. 3 hrs.
Study of selected problems of concern to persons currently doing research in philosophy. The relation of writing and bibliographical techniques to professional philsophy will be discussed.

80. Metaphysics and Epistemology. 3 hrs.
Advanced course in problems in the theory of knowledge and metaphysics. Prerequisite: One other course in the department and instructor's permission.

90, 95. Topics. Each 3 hrs.
Directed readings and tutorials in selected topics. Prerequisite: One other course in the department and instructor's permission.

RELIGION (p. 107)

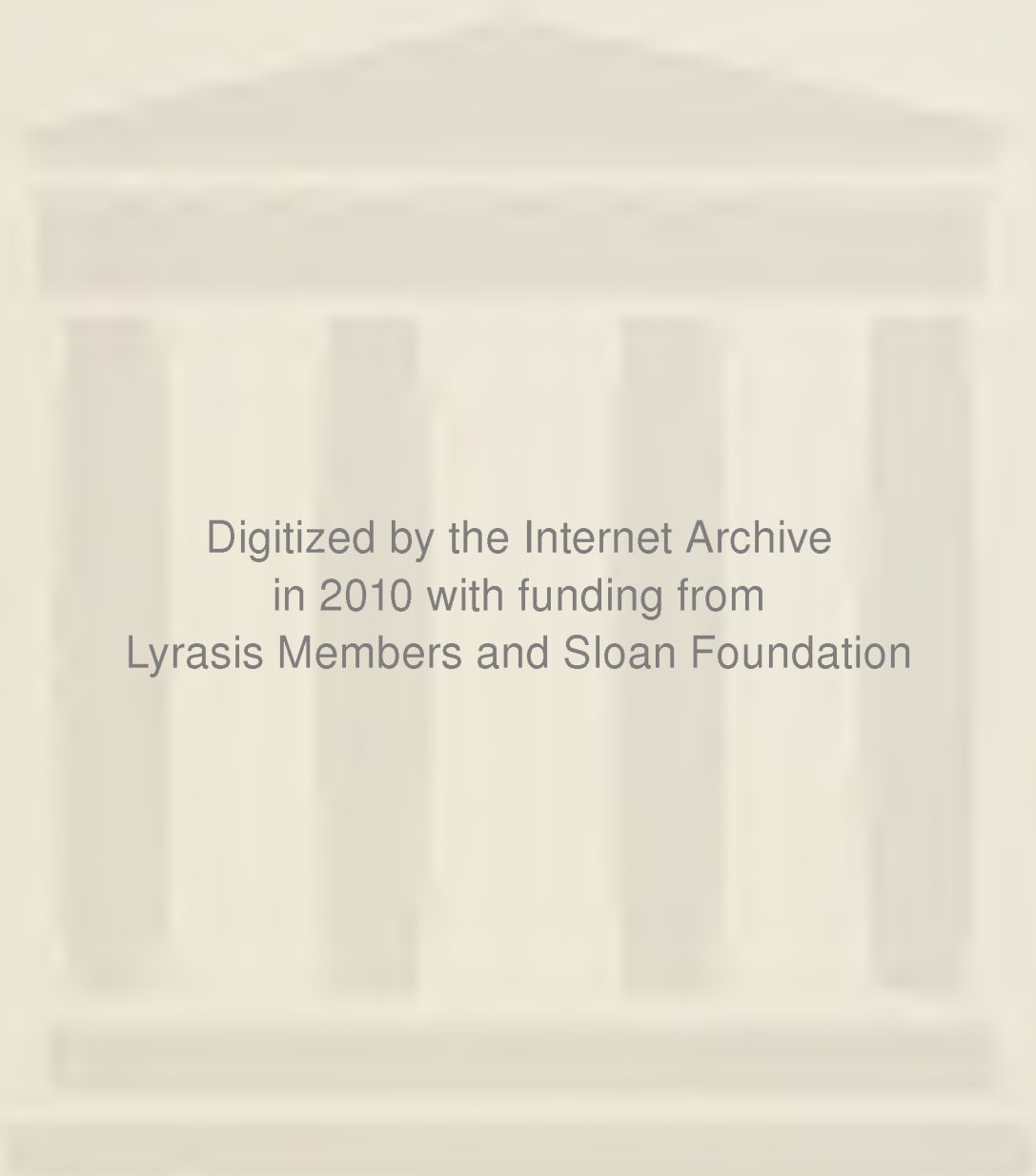
Add Religion 7 Christian Morality (formerly Philosophy 11, Christian Ethics) 3 hrs
An examination of the implications of Christian Revelation and the work of selected theologians of the Christian tradition on ethical reflection. A discussion of the application of this ethical discourse to problems of contemporary import.

GRADUATE PROGRAM IN BUSINESS (p.117)

Add Business Administration 583 Personal Investment Strategy 3 hrs.
A course allowing students to review some of the different investment oppportunities present in the United States today. With primary emphasis on the stock market, the goal is to set forth investment principles so that the student can apply them to maximize return and minimize risk.

Add Business Administration 584 Productivity Software Systems for Managers 3 hrs.
A course emphasizing the way computer-based information processing systems support operations and decision-making processes in organizations. Students gain hands-on experience with the mainframe VAX computer system and Personal Computers, using productivity software systems such as word processing, spreadsheets, database management systems and graphics. The focus is on the practical aspects of the systems, relating concepts learned in the course to real-life situations. No previous experience using computers is required.

8-7-89



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Academic Catalog 1988-90

West Virginia Wesleyan College

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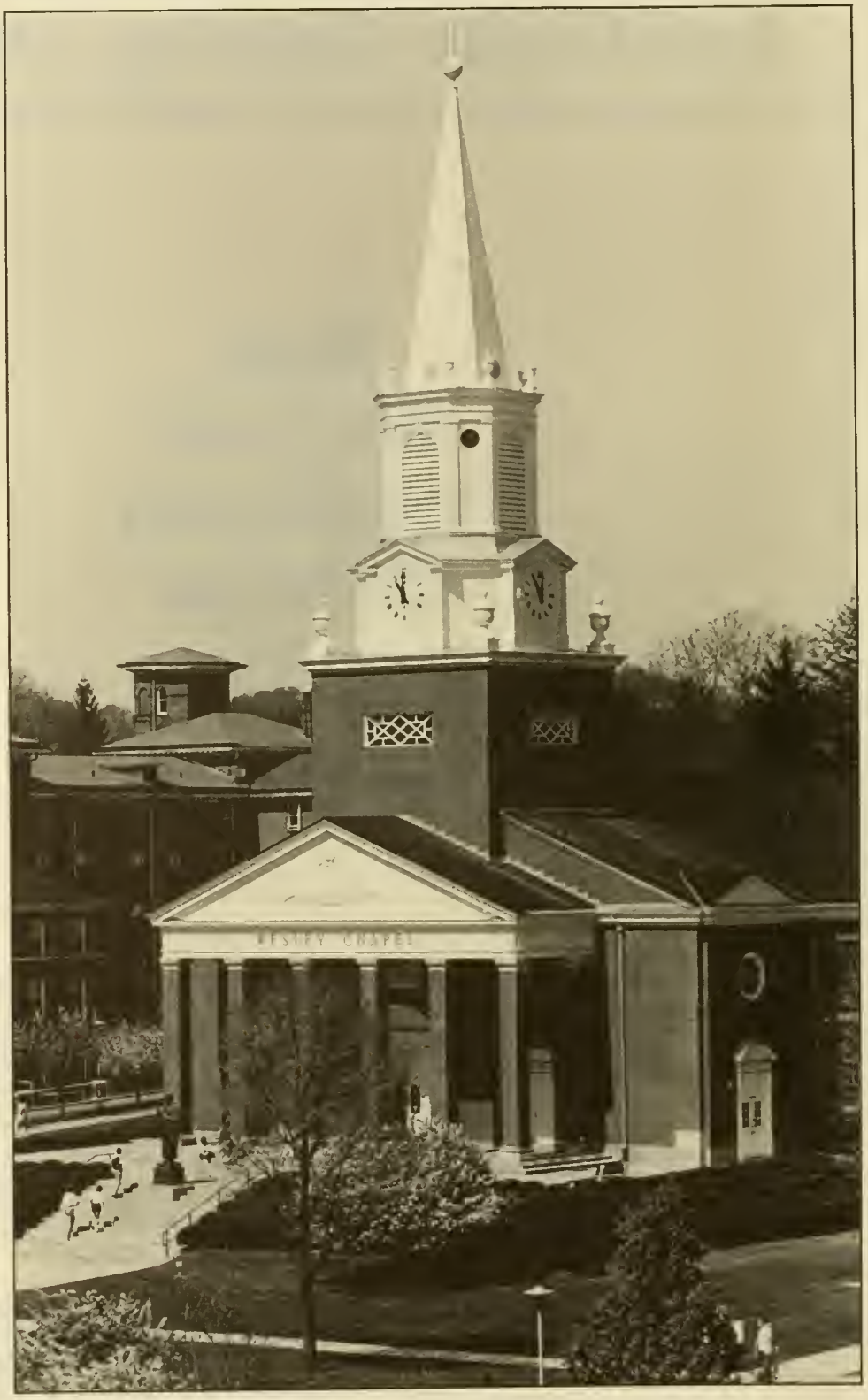
NOTICE OF NONDISCRIMINATION/AFFIRMATIVE ACTION

West Virginia Wesleyan College, a private educational institution, is committed to the principle of equal opportunity for all qualified persons, welcomes students of all backgrounds and takes pride in the diversity of its faculty and staff. It assures students of access to all the privileges, programs and activities generally accorded or made available at the College. West Virginia Wesleyan College strongly supports affirmative action principles and does not discriminate on the basis of creed, religion, national or ethnic origin, age, race, color, gender or handicap in the administration of its educational programs, admissions policies, financial aid programs, athletics, co-curricular activities or other College administered programs.

The *West Virginia Wesleyan Catalog* is published biennially by West Virginia Wesleyan College, Buckhannon, West Virginia 26201-2998. The provisions of this catalog are not to be regarded as an irrevocable contract between the student and the College. The College reserves the right to make and designate the effective date of changes in curriculum, course offerings, fees, requirements for graduation and other regulations, at any time such changes are considered to be desirable or necessary.


WESLEY CHAPEL

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BENEDUM
CAMPUS
COMMUNITY CENTER
ΘX

College Calendar

1988-90

1988

Summer School — First Term *(4 Week Courses)*

May	16	Monday	Registration (9-11:00 am)
	17	Tuesday	Classes convene
	18	Wednesday	Last day for schedule changes and late registration
	27	Friday	Last day for withdrawing from four-week classes
June	11	Saturday	Final Examinations

Summer School — Second Term *(4 Week Courses)*

June	13	Monday	Registration (9-11:00 am)
	14	Tuesday	Classes convene
	15	Wednesday	Last day for schedule changes and late registration
	24	Friday	Last day for withdrawing from four-week classes Incomplete grades from Spring Semester due in Registrar's Office
July	9	Saturday	Final Examinations

Summer School — Third Term *(2 Week Courses)*

July	11	Monday	Registration
	11	Monday	Classes convene
	12	Tuesday	Last day for schedule changes and late registration
	15	Friday	Last day for withdrawing from classes
	23	Saturday	Final Examinations

1988

Fall Semester

August	27	Saturday	Orientation for new students begins
	28	Sunday	Residence halls open for returning students (5 pm)
	29-30	Mon.-Tue.	Registration
	31	Wednesday	Classes convene
September	6	Tuesday	Last day for schedule changes and late registration; Deadline: Pass/Fail application
October	10	Monday	Progress reports due in Registrar's Office
	12	Wednesday	Incomplete grades from Summer School due in Registrar's Office
	14	Friday	Founders Day
	15	Saturday	Homecoming
	17	Monday	Second 6 weeks classes begin
	31	Monday	Last day for withdrawing from full-semester classes
November	8-11	Tue.-Fri.	Preregistration
	19	Saturday	Fall Break; Residence halls close (12 noon)
	27	Sunday	Residence halls open (12 noon)
	28	Monday	Classes resume (8 am)
December	8	Thursday	Reading Day
	9-14	Fri.-Wed.	Final Examinations
	14	Wednesday	Residence halls close (7 pm)
	19	Monday	Final grades due in Registrar's Office

1989
January Term

January	3	Tuesday	Residence halls open (12 noon)
	4	Wednesday	January Term classes begin
	5	Thursday	Last day for schedule changes and late registration; Deadline: Pass/Fail application
	13	Friday	Last day for withdrawing from classes
	25	Wednesday	Final Examinations

1989
Spring Semester

January	27	Friday	Registration of returning students
	29	Sunday	Registration of new students
	30	Monday	Classes convene
February	3	Friday	Last day for schedule changes and late registration; Deadline: Pass/Fail application
March	13	Monday	Incomplete grades from Fall Semester and January Term due in Registrar's Office
	14	Tuesday	Progress reports due in Registrar's Office
	18	Saturday	Spring Break; Residence halls close (12 noon)
	26	Sunday	Residence halls open (5 pm)
	28	Tuesday	Classes resume (8 am) Second 6 weeks classes begin
April	6	Thursday	Last day for withdrawing from full-semester classes
	12-14	Wed.-Fri.	Preregistration
	22-23	Sat.-Sun.	Spring Weekend
May	6-11	Sat.-Thu.	Final Examinations
	11	Thursday	Residence halls close for nongraduating students (7 pm)
	12	Friday	Baccalaureate
	14	Sunday	Commencement
	17	Wednesday	Final grades due in Registrar's Office

1989

Summer School - First Term			*(4 Week courses)*
May	15	Monday	Registration (9-11:00 am)
	16	Tuesday	Classes convene
	17	Wednesday	Last day for schedule changes and late registration
	26	Friday	Last day for withdrawing from four-week classes
June	10	Saturday	Final Examinations
Summer School - Second Term			*(4 Week courses)*
June	12	Monday	Registration (9-11:00 am)
	13	Tuesday	Classes convene
	14	Wednesday	Last day for schedule changes and late registration
	23	Friday	Incomplete grades from Spring Semester due in Registrar's Office Last day for withdrawing from four-week classes
July	8	Saturday	Final Examinations
Summer School - Third Term			*(2 Week courses)*
July	10	Monday	Registration
	10	Monday	Classes convene
	11	Tuesday	Last day for schedule changes and late registration
	14	Friday	Last day for withdrawing from classes
	22	Saturday	Final Examinations

1989
Fall Semester

August	26	Saturday	Orientation for new students begins
	27	Sunday	Residence halls open for returning students (5 pm)
	28-29	Mon.-Tue.	Registration
	30	Wednesday	Classes convene
September	5	Tuesday	Last day for schedule changes and late registration: Deadline: Pass/Fail application
October	9	Monday	Progress reports due in Registrar's Office
	11	Wednesday	Incomplete grades from Summer School due in Registrar's Office
	16	Monday	Second 6 weeks classes begin
	20	Friday	Founders Day
	21	Saturday	Homecoming
	30	Monday	Last day for withdrawing from full-semester classes
November	7-10	Tue.-Fri.	Preregistration
	18	Saturday	Fall Break; Residence halls close (12 noon)
	26	Sunday	Residence halls open (12 noon)
	27	Monday	Classes resume (8 am)
December	7	Thursday	Reading Day
	8-13	Fri.-Wed.	Final Examinations
	13	Wednesday	Residence halls close (7 pm)
	18	Monday	Final grades due in Registrar's Office

1990
January Term

January	2	Tuesday	Residence halls open (12 noon)
	3	Wednesday	January Term classes begin
	4	Thursday	Last day for schedule changes and late registration: Deadline: Pass/Fail application
	12	Friday	Last day for withdrawing from class
	24	Wednesday	Final Examinations

1990
Spring Semester

January	26	Friday	Registration of returning students
	28	Sunday	Registration of new students
	29	Monday	Classes convene
February	2	Friday	Last day for schedule changes and late registration: Deadline: Pass/Fail application
March	7	Wednesday	Progress reports due in Registrar's Office
	12	Monday	Incomplete grades from Fall Semester and January Term due in Registrar's Office
	14	Wednesday	Second 6 weeks classes begin
	17	Saturday	Spring Break; Residence halls close (12 noon)
	25	Sunday	Residence halls open (12 noon)
	26	Monday	Classes resume (8 am)
April	5	Thursday	Last day for withdrawing from full-semester classes
	13	Friday	Good Friday, classes dismissed
	17-19	Tue.-Thu.	Preregistration
	21-22	Sat.-Sun.	Spring Weekend
May	5-10	Sat.-Thu.	Final Examinations
	10	Thursday	Residence halls close for nongraduating students (7 pm)
	11	Friday	Baccalaureate
	13	Sunday	Commencement
	16	Wednesday	Final grades due in Registrar's Office

Calendar subject to modification in the interest of the total College program.

Wesleyan: Your College?

What Is Wesleyan?

Unite the pair
so long
disjoined,
knowledge
and vital piety.
—Charles Wesley—

West Virginia Wesleyan College is an independent, church-related, four-year college located in the Allegheny Highlands of north central West Virginia — in the foothills of the Appalachian Mountains. Since 1890 it has served the educational needs of the immediate region of West Virginia, as well as Pennsylvania, the Eastern Seaboard states and other parts of our nation and world. The College strives to maintain a rich diversity in its faculty, students, staff and administration and to shape a Wesleyan experience which encourages breadth of learning, humanized judgment and openness to new perspectives.

Wesleyan prepares its graduates in both the liberal and applied arts. Its programs are responsive to social needs and are designed to equip students to compete and contribute productively in an everchanging world society. The curriculum is organized around the belief that interdisciplinary study frees and disciplines the mind, refines and humanizes judgment and enriches personal life. Wesleyan's historic ties with the United Methodist Church are reaffirmed daily in campus intellectual life — characterized by full discussion of the controversial values, issues and choices which confront today's educated person. The College seeks to guide its own mission in directions which draw from a deep appreciation for the lessons of the past, awareness of the demands of the present, and readiness to use creativity in the face of a changing global agenda. Wesleyan seeks students who are eager to join hands with its many graduates throughout the world in an effort to promote loving, just and responsible action in their chosen vocations.

What Can Wesleyan Do For You?

The College is concerned about you as a person and about the quality of life you will lead in the future. It stresses respect for the dignity of persons, invites your inquiry into the meaning of life and exhibits what visitors describe as an "uncommon friendliness." This friendliness should not be mistaken for casualness, however. Because Wesleyan cares profoundly for you, it expects a great deal from you: integrity, initiative, compassion, flexibility, curiosity, humor and a capacity for joy.

Valuing truth, beauty and goodness in relation to acquired learning, Wesleyan offers the very best in quality education so that its alumni can lead worthy lives in both their work and their leisure.

The aim of its liberal arts focus is to educate you to educate yourself, to *learn how to learn throughout your life.* No person can amass all the existing knowledge in any area today. A liberal arts approach, however, enables the student to become familiar with broad areas of knowledge and with the dominant themes, principles, and ideas important in our time. There is a concern for broad exposure and basic comprehensiveness at Wesleyan as well as room for self-discovery and self-awareness. The College is not unconcerned about career skills but believes that a sound liberal arts background enhances career goals.

The established objectives of a Wesleyan education include engendering and fostering:

- the ability and disposition to read the English language with understanding and to speak and write with economy and some elegance;
- the ability and disposition to think clearly, objectively, independently, and constructively;
- the ability and disposition to order one's life in such a fashion as to render good health in both body and mind;
- a broad orientation in the liberal arts, with some understanding and appreciation of the content and import of the main fields of learning and of the major problems of human life;
- an understanding and appreciation of those questions of human commitments and values in the Christian faith;
- sufficient concentration in some field, or fields, to constitute adequate preparation for graduate study or immediate entrance into some well-considered vocation;
- the ability and disposition to be a good citizen — to participate in, and to assume leadership in, socially constructive organizations and activities;
- and the development of human sensibilities to their utmost potential in each of the perceptive, expressive, cognitive, and involvement aspects of human nature.

What Learning Environment Does Wesleyan Provide?

Wesleyan's campus facilities are among the most comprehensive and modern in the state. Wesley Chapel, with its soaring steeple, sets the traditional Georgian architectural style which prevails on campus. Other buildings include the Benedum Campus Community Center, Middleton Hall — housing the Department of Nursing and the offices of Admission and Student Aid, the John D. Rockefeller IV Physical Education Center, and Barnhart Memorial Student Health Center. All of these are modern, fully-equipped facilities and are described in greater detail elsewhere in this catalog.

Mention should be made here, however, of the Christopher Hall of Science where course work goes on in electrical engineering, quantum physics, molecular biology, biochemistry, and other contemporary areas of science. Visitors always ask to see the building's planetarium and greenhouse facilities. The College's extensive computing facilities include a VAX 8300 and VAX 11/750 with terminals to support both instructional and administrative uses, including six full-color graphics terminals. The number of microcomputers available for laboratories, academic departments and general student use (now sixty) is rapidly growing. This diversity allows a broad range of capabilities including on-line administrative and academic computing, advanced research, and hands-on education.

The Lynch-Raine Administration Building, one of the older buildings on campus, houses many of the administrative offices and classrooms for the largest department, Business. Haymond Hall, originally the Science Building, has been renovated into a modern, air-conditioned facility with classrooms, offices, a learning center, a fully-equipped audio-visual aids center, modern nutrition and apparel laboratories, and a television studio.

Atkinson Auditorium is the Drama Department's laboratory and staging area. The Loar Memorial Building provides studios, classrooms, and practice rooms for the Department of Music. The original music hall has recently been remodeled to accommodate the Department of Art.

In all, some thirty-two buildings are owned and operated by the College, including ten residential buildings. The residence halls conform to the Georgian pattern with brick exteriors, archways, and wrought-iron trim.

Perhaps the most important facility is A. M. Pfeiffer Library. Carpeted, air-conditioned and climate controlled, the library maintains a current collection of over 148,000 volumes and subscribes to 672 periodicals and newspapers. The library has an attractive 18th century facade; its interior, however, is designed for the future. With expanded computer capability, library functions are in the process of being automated. The newest addition to library facilities is a computerized index to nearly 400 popular and scholarly periodicals. Ten IBM PC's and five Macintoshes are available for student and faculty use in the library microcomputer lab. Comfortable chairs, open stacks, meeting lounges, and study areas, combined with the personalized service offered by the staff, contribute to the library's learning environment.

The College is a member of a four-college consortium composed of Wesleyan and three nearby institutions of similar size. Sharing of facilities, equipment and programs has enhanced the learning opportunities for students in all four colleges. Wesleyan is particularly proud of its leadership role in this mutually beneficial arrangement.

As stressed in the Student Life section, the learning environment at Wesleyan goes beyond the classroom experience to include all areas of campus life, the Buckhannon community, and many additional off-campus opportunities.

An emphasis on an individualized and flexible curriculum; a high degree of student participation in the decisions of the College through one of the first Community Councils in the country; a wide variety of cultural, social, and athletic events; a highly qualified and dedicated faculty: these are major factors in Wesleyan's highly successful rendering of an atmosphere conducive to learning.

Wesleyan Accreditation

West Virginia Wesleyan is fully accredited by the North Central Association of Colleges and Secondary Schools and approved by the University Senate of The United Methodist Church. The College holds membership in the National Association of Schools of Music and is approved by the West Virginia Department of Education. The College participates in the Interstate Certification Project, whereby a number of states now certify teachers graduating from Wesleyan's Department of Education. Accredited by the Council of Baccalaureate and Higher Degree Programs of the National League for Nursing, Wesleyan is a member of the Council of Member Agencies of that organization. The Social Work program is in candidacy for accreditation with the Council on Social Work Education.

Wesleyan is a member of the National Association of Independent Colleges and Universities, the American Association of Colleges for Teacher Education, and the Council of Independent Colleges.

The College is approved for membership purposes by the American Association of University Women and participates in the American College Testing Program, the College Entrance Examination Board, American Library Association, State of West Virginia Board of Examiners for Registered Nurses, and National Association of Schools and Colleges of the United Methodist Church. The athletic programs are affiliated with the National Association of Intercollegiate Athletics.

Wesleyan
WEST

Admission

Wesleyan seeks students with inquiring and creative minds who will profit from a liberal arts program in an atmosphere of freedom with responsibility.

Students are selected by the Office of Admission on the basis of their ability, interests, academic preparation, character, and promise, as indicated by their own statements on the application, as well as by school records, recommendations, and test results. Since applicants are considered on their own merit, the College invites applicants for admission to supply further evidence to indicate their competence and eagerness to deal with a demanding and exciting program.

The College, open without discrimination to qualified students of all races, reserves the right to refuse to admit any applicant who, because of low scholarship or citizenship record, is deemed by the Committee on Admission and Academic Standing unlikely to conform to the standards the College seeks to maintain.

Admission of High School Graduates

Persons wishing to be admitted by high school transcript should present the following items to the Director of Admission:

1) An application for admission on a form furnished by the College with the $25.00 fee (non-refundable).

2) A transcript of record from an accredited high school showing courses pursued, grades earned, and credits amounting to at least 16 units (earned in grades 9 to 12). In addition to any transcript used in the application process, a final copy certifying graduation must be submitted prior to actual enrollment.

3) A record of either SAT (Scholastic Aptitude Test) or ACT (American College Test) scores.

Applicants from non-accredited high schools or completing General Educational Development testing may be considered for admission if they demonstrate satisfactory ability and achievement by supportive information.

Admission of Transfer Students

Persons transferring from other accredited institutions of collegiate rank may be admitted to advanced standing upon presentation of the following items to the Office of Admission:

1) An application for admission on a form furnished by the College with the $25.00 fee (non-refundable).

2) An official transcript of credits earned at all post-secondary institutions previously attended.

3) A transcript of high school record certifying graduation and showing courses pursued and grades earned.

West Virginia Wesleyan College will accept for transfer credit courses compatible with its academic program. The grades and hours so earned shall count toward graduation. Nursing transfer students should refer to the Nursing Department program in this catalog.

Credit for courses taken in non-accredited institutions may be held for one academic year pending successful performance ("C" average) on work taken at Wesleyan. The Committee on Admission and Academic Standing may require examinations to demonstrate satisfactory knowledge of such courses.

Admission With Associate in Arts Degree

Students who transfer to Wesleyan with an A.A. degree from a regionally accredited community or junior college may be admitted with the degree credited as fulfilling Wesleyan's general education requirements when the total educational background, including high school record, shows compatibility with Wesleyan's general education requirements. Obvious deficiencies in general education requirements must be minimally met. Students who meet these requirements may proceed directly to courses and prerequisites for the major.

West Virginia Wesleyan College does not accept more than sixty-eight semester hours of credit from a junior or community college.

Readmission of Former Students

Former students who were in good standing may be readmitted upon completion of the appropriate forms in the Admission Office.

Former students who were not in good standing may be readmitted upon completion of the appropriate forms and approval of the Committee on Admission and Academic Standing. Transcripts of any credits completed at other institutions of higher learning should be filed with the application for readmission.

Other Classifications of Admission

Admission of International Students

Students whose primary language is not English should be aware that Wesleyan conducts all of its instructional program in English and offers no special program for the learning of English as a second language. Therefore such applicants will be required to certify their language competency through the TOEFL examination or other evidence of capability to pursue a course of study in English. Information on required standards is available from the Office of Admission.

Alternative Entry Program

The Alternative Entry Program is designed to meet the needs of those persons twenty-five years of age or older who are interested in pursuing an academic degree

program. Alternative Entry allows the possibility of life experience and noncollegiate educational credits being applied towards the degree, based on the student's background and work experience. Such evaluations will be made by the student's advisor and the AEP coordinator. Contact the Office of the Vice President for Academic Affairs for more information.

Conditional Admission

At the discretion of the Academic Dean and the Director of Admission, students may be admitted conditionally or on academic probation provided they maintain a satisfactory record. Those who fail to maintain a satisfactory record may be requested to terminate their enrollment.

Advanced Placement By Examination

The College participates in the Advanced Placement Program of the College Entrance Examination Board. Students who have taken and satisfactorily passed college level courses in high school and who have passed the Advanced Placement Examination of the Educational Testing Service at the level of "3" may apply to the College for credit or advanced placement in these subjects. These examinations are administered in the spring. Applicants must have results sent to the Office of Admission for verification prior to the fall semester.

Wesleyan has adopted an extensive program of credit by examination. The Advanced Placement Program as well as the College Level Examination Program (CLEP) are integral parts of this program. For detailed information see the section entitled Academic Program.

NOTE: See section entitled Academic Program for information on:
Credit For Noncollegiate Study
Credit for Educational Experience In Armed Services

Expenses and Student Aid

Expenses

Application Fee

The application fee for admission is $25.

Enrollment Deposit

All new students, including freshmen, transfers and readmits, shall make an enrollment deposit with the Admissions Office in the amount of $100. This deposit will be treated by the Bursar's Office as an advance payment against the student's semester account. The deposit may be refunded to prospective students who are accepted by May 1 but notify the College in writing of withdrawal not later than May 31. Students who are accepted after May 1 and notify the College in writing within thirty days of acceptance of their intent to withdraw will be eligible for a refund.

Orientation Fee

To cover the cost of the Orientation program, all new students pay an additional charge of $75 each (sales tax included).

Instructional Charge

The instructional charge (1988-89) is $3125 per semester for all students carrying from twelve through sixteen semester hours of work. For students carrying fewer than twelve semester hours of work, the charge is $260 per semester hour. For each semester hour carried in excess of sixteen, the charge is $195.

The instructional charge for courses taken during the summer session is $135 per semester hour.

There are special charges for private instruction in any course not regularly scheduled. Registration for such a course is permitted only in the most extraordinary cases, and must be approved in advance by both the Vice President for Academic Affairs and the instructor involved.

The instructional charge for graduate study is $130 per semester hour for M.Ed. or M.A.T. courses and $170 for M.B.A. courses.

Estimate of Expenses

This estimate does not include books, travel, clothing, medical reimbursement insurance, amusements, and other personal expenses.

The College reserves the right to change any of the charges below at any time.

1988-89	Semester	Year	Summer School
Instruction	$3,125.00	$6,250.00	$135.00 per cr. hr.
General Fee	425.00	850.00	30.00 per cr. hr.
Room (Double Occupancy)	770.00	1,540.00	60.00/Week
Board	925.00	1,850.00	75.00/Week
Sales Tax on Room	46.20	92.40	as applicable
Total	**$5,291.20**	**$10,582.40**	

General Fee

The general fee (1988-89) is $425 per semester. This fee supports such services and activities as library, health facility, athletic events, school publications, Wesleyan Handbook and Directory, activity card, campus center privileges and other student services. There will be a general fee charge to part-time students in the regular semesters of $35 per credit hour. General fee for summer terms is $30 per credit hour.

Miscellaneous Fees

Applied Music Fee

For individual instruction in Music the charge is $100 per credit hour.

Room Deposit

Enrolled students who desire to live in college housing shall pay a room deposit in the amount of $100 not later than May 1 of each year. This deposit will apply toward the student's account for the following semester. This deposit may be refunded if the student notifies the college in writing not later than May 31 that he or she is withdrawing from college.

January Term

Students enrolled full time either first or second semester will incur no additional tuition charges for the January Term experience. Part-time students will pay the tuition charge of $135 per semester hour of credit.

Students residing in college housing and/or eating in college dining halls during the first and second semesters will incur no additional charge for room and board during January Term. Those students who are in college

residence halls and/or eating in the college dining halls only one semester will pay one-half of the appropriate charge(s) for the January Term.

Auditors

Auditors pay $40 for any course audited. However, if an audited course does not constitute an overload for a regularly enrolled student, then no audit fee is required. If any portion of the course audited represents an overload, then the full fee of $40 shall be due.

Nursing Transportation Fee

All Nursing students enrolled in the clinical portion of the program will pay a $100 transportation fee per semester to cover the cost of travel to the clinical sites.

Special Supportive Services

Students accepted into the Supportive Services Program for learning disabled students are charged $1350 per semester for the first year of participation and $750 per semester for the second year. The charge for the third year is $125 per semester. The resources of the Learning Center continue to be available throughout their enrollment at Wesleyan.

Automobile Registration Fee

The automobile registration fee is $5 per year.

Breakage and Damage to Property

A charge will be made to cover cost of equipment broken in laboratories.

A charge will be made to cover any damage done to college property beyond the wear caused by normal and proper use thereof. Damage in college housing not chargeable to an individual will be shared by occupants of the residence hall, floor or other designated area.

Late Registration or Preregistration

A charge of $10 is made for failure to register or preregister on dates designated.

Late Application for Degree

A charge of $10 is made for any application for a degree filed less than twelve months prior to anticipated completion of degree requirements.

Graduation and Diploma

During the registration period for the semester or summer term in which a student completes requirements for a degree, he will pay a graduation and diploma charge of $40.

Transcripts

One transcript of a student's record is furnished free. A charge of $3, payable in advance, is made for each additional transcript. An application for a teacher's certificate completed by the College constitutes a transcript.

Medical Reimbursement Insurance Service

An optional Medical Reimbursement Insurance is available for students who need such coverage. (See Health Services in the Student Life section.)

Teacher Education Fee

All students in teacher education will pay an $80 fee for the semester in which they do student teaching.

Terms of Payment

As a means of providing experience and emphasizing punctuality and responsibility in business matters, the College prefers to deal directly with students rather than with their parents.

Students will be billed in advance of each semester (July and December) by the Office of the Bursar for tuition, fees and other applicable charges. Early payment is urged to insure that adequate financial arrangements are complete and thereby simplify registration procedures. All payments are due by the time of registration. Any student not meeting this requirement, who has guaranteed financial assistance from an authorized agency outside the College, must present a letter of guarantee to the Bursar on or before the day of registration. Otherwise no extension can be permitted.

For those persons who prefer a monthly payment plan, the College makes such a service available. There is no interest charge; however, a $50 annual fee covers the administration of the program. Information concerning this plan may be obtained from the Bursar's Office.

Students with unsettled accounts will not be permitted to preregister or register for a subsequent term or semester.

Students are not eligible to receive transcripts of credits or diplomas until all charges are paid in full.

Refunds

All requests for refunds must be made in writing. In view of the fact that charges paid by students cover much less than the total operating cost of the College, refunds are subject to the following regulations:

1) For a student withdrawing from the College because of illness, or for other honorable reasons considered adequate by the College, the following refund schedule will be used:

Summer School & January Term

Within 3 class days	80% of tuition refunded
4 to 6 class days	60% of tuition refunded
7 to 9 class days	40% of tuition refunded
After 9 class days	No refund

First and Second Semesters

Within 2 weeks	80% of tuition refunded
2 to 4 weeks	60% of tuition refunded
4 to 6 weeks	40% of tuition refunded
After 6 weeks	No refund

(Students making schedule changes moving them from full-time to part-time status or reducing their part-time load after the first five days of a semester or the first two days of a summer term will receive refunds of the difference in instructional charges according to the schedule listed above for withdrawal from the College.)

2) A student withdrawing from the College during a semester, or summer term, for any reason other than those stated in 1) above will receive no refund of instructional charges.

3) A student withdrawing from the College during a semester, or summer term, will receive no refund of charges for room.

4) A student withdrawing from the College during a semester, or summer term, will receive no refund of general fee.

5) A student withdrawing from the College during a semester or summer term, for any reason, will be refunded a part of his charges for board proportionate to the number of whole weeks of the semester or summer term remaining after his meal ticket is surrendered.

6) A student discontinued for disciplinary reasons will receive no refund of any charges, except for board, as provided under 5) above.

7) A student asked to vacate his residence hall room for disciplinary reasons will receive no refund of charges for room.

8) Special conditions related to the January Term are explained in the January Term catalog.

Scholarships and Student Financial Aid

Financial aid at West Virginia Wesleyan College is available on the basis of scholastic achievement, special talents and abilities, and financial need. Awards are given for a period of one academic year, beginning in September. Students must apply for all financial aid each year.

More detailed information is available from the Student Aid Office or Admission Office. The following describes general guidelines and resources.

Requirements governing eligibility to receive financial aid: An applicant must be enrolled as a full-time student and must accumulate a minimum grade point average of 2.00 for institutionally funded aid. Recipients of federal Title IV aid must be enrolled at least half-time and their continued eligibility will be reviewed annually based on the cumulative grade point average related to credit hours attempted. Total institutional assistance cannot exceed billed costs (tuition, fees, room, board).

Procedure to follow when applying for financial aid: 1) When first applying complete the West Virginia Wesleyan Application for Admission and return it to the Admission Office. 2) Carefully complete the Financial Aid Form (FAF) and submit it to the College Scholarship Service before March 1 to receive primary consideration from available resources. 3) Sign and return to the Student Aid Office the Award Letter which outlines the financial aid package to be awarded for the academic year.

General information: Financial aid awards for entering students are announced when FAF results are received; awards for returning students are made prior to the end of spring semester. Aid reapplication forms will be made available to on-campus students in advance of scheduled deadlines.

Grants and scholarships will be credited to the student's account (half each semester or as stated); loans will be credited to the student's account after the promissory note has been signed; earnings from student employment will be paid to the student on the fifteenth day of the month following the month worked. Federal regulations governing Title IV programs require that financial information for selected applicants be verified before funds can be credited to a student.

Scholarships

Academic Scholarship Program: To recognize significant academic achievement and extracurricular involvement, scholarships ranging from $500 to $3000 per academic year are awarded to outstanding freshman and transfer students. Students meeting the academic criteria will be awarded scholarships which can be renewed annually based on continued high academic performance and extracurricular involvement.

Information on the application process, required standards and renewal requirements is available from the Admission and Student Aid Offices.

Wesleyan United Methodist Scholarships: To recognize academic performance of United Methodist Church members, the

College awards scholarships to eligible students who show financial need based on information submitted on the FAF.

Wesleyan Scholarships: These scholarships assist full-time applicants who show financial need and high academic performance.

Performing and Visual Arts Scholarships: These recognize superior contributions to the campus in music, art, and drama.

Athletics Scholarships: These recognize achievement in intercollegiate athletics.

Ministerial Scholarships: These provide one-half tuition aid at Wesleyan for unmarried dependent children (under age 23) of ordained United Methodist ministers of the West Virginia and Western Pennsylvania Conferences; one-fourth tuition aid for dependents of ministers of other conferences.

National United Methodist Scholarships: The Board of Higher Education and Ministry of The United Methodist Church annually awards four West Virginia Wesleyan students (usually upperclassmen) scholarships of $500 each. In order to qualify, a student must meet the general requirements for admission to the College, have been a member of The United Methodist Church for at least one year prior to date of application, be outstanding in Christian motive and purpose, and rank high in scholarship. National United Methodist Scholarships may be renewed once, subject to the same conditions as govern original awards. Funds for this program come from the annual Methodist Student Day offering for the Student Loan and Scholarship Fund.

Restricted Scholarships: Various special and restricted scholarships have been established at Wesleyan. These vary in amount and are awarded by the Director of Student Aid according to specific criteria of the donors. Awards are made on the basis of information contained in the financial aid file, so additional applications are not required.

Nora Amundson Memorial Scholarship
Lelia Rosa Bailey Scholarship
Sophia Banes Scholarship
Walter and Virginia Barnes Scholarship
Beckley District United Methodist Scholarship
John L. Bennett Scholarship
James Nathan Berthy, Jr. Memorial Award
W. Chilton Bobbitt and Alta Heaton Bobbitt Scholarship
Kathryn Bodie Scholarship
Marie Boette Student of Organ Fund
Burgess Property Scholarship
Basil Burns Scholarship
Ettie Campbell Scholarship
Class of 1959 Scholarship
Cox Memorial Scholarship
Ross and Olive Culpepper Scholarship
Olive Culpepper Scholarship for International Students
The Reverend & Mrs. M. H. Cummings Memorial Scholarship
Curry Memorial Scholarship
Neva Moss Cutshall Scholarship
Hazel Cline Dillon Scholarship for Women
Leo G. Donahue Memorial Scholarship
Pearl Dorsey Scholarship
Lionel and Margaret Driscoll Scholarship
Thomas B. Dunn Scholarship
Florence E. Elliott Honorary Nursing Scholarship

Olive Kinsey (Brown) and Philip Macon Ennis Memorial Scholarship
Falls Mill Weston District Scholarship
Faye Farley Scholarship
Bonnie Farnsworth Scholarship
Fogelsong Scholarship
J. A. Franquiz Scholarship for Philosophy
Laura Hortense Frazer Scholarship
Eliza Logan Frissell Scholarship
Kathleen M. Fulk Scholarship Fund
Thorold S. Funk Scholarship
G. E. Gaston Scholarship
William H. Gilmore Scholarship
Mary Elizabeth Hardesty Nursing Scholarship
W. W. Harper Scholarship
Arnim C. Hinkle Scholarship
Jan Hinkle Scholarship
Ellen B. Hoff Scholarship
Nicholas Hyma Scholarship
Donella John Scholarship
Pearl Lowe Johnson Scholarship
E. Ray Jones Scholarship
Alice A. Kelley Memorial Scholarship
Sherwood Kerns Memorial Scholarship
George A. Kinley Scholarship
Kirchner Memorial Scholarship
James L. Knight Scholarship
Hugh A. and Alice Latimer Scholarship
James P. and Ruth F. Law Scholarship
Dorothy Lee Scholarship
Ross and Ruby Linger Scholarship
G. W. Loar Scholarship
Judson H. Loar Scholarship
Mary G. Loar Scholarship
Glen W. Maddy Scholarship
Mahan Scholarship
Thomas Allen Manfuso Scholarship
Stanley H. Martin Scholarship
William Burdette Mathews Memorial Scholarship
James L. Matthews Scholarship
Reta Heavner Maxwell Scholarship
Esther T. McAllester Scholarship
Ernestine McCormick Memorial Scholarship
McCuskey Memorial Scholarship
Flora E. Miles and Agnes M. Davidson Scholarship
Nora Hickman Miller Scholarship
B. M. and Elizabeth Mitchell Scholarship
Charles D. Munson, Jr. Memorial Scholarship
P.E.O. Scholarship
Gertrude M. Peterson Scholarship
William E. Phillips Memorial Scholarship
Pickens Memorial Scholarship
Herbert L. and May Virginia Price Memorial Scholarship
J. Roy Price Scholarship
Walter C. Price Scholarship
Jennings Randolph Scholarship
E. K. and L. E. Tenney Reed Family Scholarship
David E. Reemsnyder Memorial Scholarship
Earle G. Rees Scholarship
Kathleen and Harry Reese Scholarship
Lilly King Reger Scholarship
Robert H., Gwen F., and William C. Reger Scholarship
Stanley and Eva Rexrode Scholarship
William B. Robinson Scholarship
William H. and Daisy M. Robinson Scholarship
G. I. Rohrbough Memorial Scholarship
Cebe Ross Scholarship
Mary Ross Library Work Scholarship
Gertrude D. Roush Scholarship
French A. See Scholarship

Herb Sharp Circuit Rider Scholarship
Harry E. Sharps Scholarship
John C. Shaw Scholarship
Helen B. Sheppard Scholarship
Laman C. Shingleton Scholarship
Flossie Snodgrass Memorial Scholarship
Leta Snodgrass Memorial Art Scholarship
B. F. Standiford Scholarship
Okey J. Stout Memorial Trustees' Award
Glen and Mary Sutherland Scholarship
Silas D. Tamblyn Scholarship
Rev. Albert L. Tenney Memorial Scholarship
Audrey Hood Thompson Scholarship
Ada K. Tuckwiller Scholarship
United Methodist Church at Bayard, West Virginia, Scholarship Fund
Betty VanKirk Media Award
H. W. Ware Scholarship
Carl C. Weber Scholarship
Carl G. Weltman Scholarship
Wesleyan Mathematics Reciprocal Award
Calvin A. West Scholarship
West Virginia Wesleyan Permanent Endowment Fund
Roy V. Whiston Scholarship
Fountie N. and Virginia L. Williams Teaching Award
Frank E. Williams Jr. Scholarship
Katherine L. Williams Scholarship
John L. Wolfe Memorial Scholarship
Chloe Cook Workman Wallet Memorial Scholarship
Mabel Snodgrass Workman Scholarship
Dr. M. Arthur Workman Scholarship
Mary Agnes & R. Bates Wooters Scholarship
Elizabeth Zumbrunnen Scholarship

The Mason Crickard Scholarship: The Greater Kanawha Valley Foundation, a non-profit charitable foundation located in Charleston, West Virginia, awards scholarships from a trust established by Mason Crickard, Wesleyan Class of '07. The recipients of these

competitive grants are students who demonstrate good character, scholastic ability and leadership potential. In accordance with the provisions of the will establishing the fund, preference is given to residents of Randolph County, Upshur County and the area comprising The Greater Kanawha Valley in West Virginia. Award amounts depend, in part, on the demonstrated need of the recipient. Application information may be obtained in the Student Aid Office.

Grants

Various grants for educational support are available to qualified students from state and federal sources or are awarded by the College to students manifesting special talents or abilities. Wesleyan funds require the annual maintenance of a 2.00 average; requirements of other programs vary.

Program Leadership Grants recognize and support student leadership in the co-curricular programs of the College, including chapel, publications, radio and forensics.

Pell Grants are made available by the federal government to students meeting eligibility criteria of need based on data submitted on the FAF or the Federal Student Aid Application. Students must be enrolled at least half-time in an undergraduate program. Notification of eligibility is mailed directly to the student with instructions to supply this notice to the Director of Student Aid in order to receive a disbursement each semester.

Supplemental Educational Opportunity Grants are awarded annually under a federal program to undergraduate students with exceptional financial need. The grants range from $100 to $4000, with amounts determined by the annual federal allocation.

State Grants are available from various states for use at Wesleyan. All students should inquire into this possibility. West Virginia, Massachusetts, Connecticut, Pennsylvania and Vermont are some whose residents receive state grants at Wesleyan. West Virginia residents should be sure their Financial Aid Form is received by the College Scholarship Service by March 1 and that high schools mail early the grade report forms to the West Virginia Board of Regents.

Workships

Work opportunities for students are offered in almost all areas of the college community. Workships vary in amount awarded, according to work assignment and number of hours scheduled. The College Work Study Program is federally funded; the General Workship is institutionally supported.

Loans

Educational loans offer the possibility of meeting college costs with borrowed money, to be paid back after graduation with usually favorable repayment terms. Because of periodic revisions in federal programs, students should inquire for more specific information about such loans.

Perkins Loans (formerly National Direct Student Loans) offer up to $1500 per year from available funds for students with exceptional financial need.

Guaranteed Student Loans are intended to make loan money available to students enrolled at least half-time in college. Up to $2625 a year is available, with repayment at a favorable interest rate beginning six months after the borrower ceases to attend college. Eligibility for a GSL is determined by calculating need for this loan, based on results of an appropriate needs analysis. The College will certify the cost, financial aid received and the calculated family contribution which will determine the loan amount for which the borrower is eligible.

Parents Loans for Undergraduate Students and Supplemental Loans for Students assist families and independent students to assume financial responsibility for their own college education. A parent or independent student may borrow up to $4000 a year with repayment beginning within sixty days. Applications are available at local banking and lending agencies.

United Methodist Student Loans are made available by the Board of Higher Education and Ministry to United Methodist students through the College Student Aid Office.

College Loan Funds have been established by donors wishing to assist Wesleyan students fulfill their educational goals. These monies are administered by the Director of Financial Aid.

Claude Worthington Benedum Loan Fund
Rose C. Chancellor Loan Fund
Christopher Loan Fund
Funk-Reese Loan Fund
Hartley Perine Loan Fund
Benjamin Haught Revolving Loan Fund
Eva I. King Loan Fund
Leroy Lawson Endowment Loan Fund
Liggett Memorial Loan Fund
James Mahood Loan Fund
Tetrick Student Loan Fund
Grant Foundation Loan Fund
Mary E. Webb Loan Fund
Guy Wilson Loan Fund

Other Sources of Funds

Students are urged to explore scholarships from local fraternal organizations, parent-teacher associations, church-related groups, businesses, veterans' associations or other funding agencies.

Student Life

Freedom with responsibility is an important aspect of life at Wesleyan. Both student and professor relish and guard zealously their freedom to function creatively and effectively within the college community.

The College considers experiences in group living, co-curricular activities, and campus governance as significant elements of a liberal arts education. A number of states and several foreign countries are represented in the student body and the faculty and staff. The merging of this diversity produces a dynamic, lively and interesting community of people. The College is committed to a strong academic program in a residential setting which facilitates the molding of the individual into a learned, responsive, sensitive, rounded personality. Happenings outside the four walls of the classroom are extremely important to the student's growth and development as a person. Co-existence with a diversity of people, acceptance of responsibility for one's own actions, participation in group endeavors, exercise of one's leadership capabilities and abilities to organize and govern — these broadening experiences occur in the residence halls and through participation in co-curricular activities.

The Chapel and Religious Center

It is no accident that Wesley Chapel is located at the center of the campus, its spire towering over all the buildings. The Chapel is a clear affirmation of Wesleyan's commitment to the integration of intellectual, emotional, and spiritual concerns. Here the campus community gathers for worship on a regular basis, encounters a variety of cultural events, undertakes the academic study of religion, philosophy, and religious education, and finds profound resources for counseling and personal guidance.

Every Tuesday of the academic year the campus community is invited to worship at Wesley Chapel. While the Dean of the Chapel is the principal preacher, guest speakers are often invited. The musical and dramatic arts are frequently utilized with special assistance coming from campus choral groups, LoveShine, and a Sacred Dance Choir. Roman Catholic students may attend Mass which is celebrated each weekend on campus.

A series of convocations is planned each semester with a focus on current issues and featuring guest speakers and presentations by faculty and students, often including the creative and performing arts.

The Chapel and Martin Religious Center serve the campus

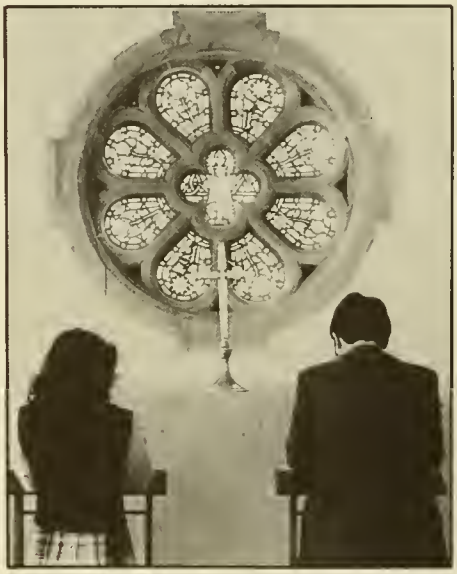
as a meeting place for groups involved in various religious, humane, and academic concerns. The Christian Life Council, advised by the Dean of the Chapel, coordinates the activities of campus religious groups and plans special events and programs. Among other groups offering service to the campus and the larger community are the Student Volunteer Projects, Sigma Theta Epsilon and Kappa Phi (Christian service organizations), LoveShine (putting the Christian message into dramatic and musical form), Sacred Dance, and Chapel Choir. The offices of the Dean of the Chapel, the Departments of Religion, Philosophy, Christian Education, Academic Advising services, and Career Planning and Placement are located in the Center.

The Chapel building also contains the Sleeth Art Gallery, Chambers Lounge, and the West Meditation Chapel. The Meditation Chapel is open for use by students and college staff in small group worship and private meditation.

Wesleyan is a campus open to persons of all faiths. The Chapel and Religious Center stand as symbols of both our Christian identity and our concerned openness to religious diversity.

The Physical Education Center

This excellent structure accommodates over 3,700 spectators and is one of the finest small college sports complexes in the country. Its classic Georgian lines coordinate with the architecture of the other buildings on campus; its eastern wing is joined to the Campus Center, enabling students to move freely between the two facilities. An intercollegiate basketball court seating 3,750, two intramural



practice courts, four handball courts, an indoor tennis court, a volleyball court, golf and wrestling practice areas, an auxiliary gymnasium, sauna baths, a dance studio, gymnastics and weight rooms, and a portable stage — all are available to contribute to the wellness of the Wesleyan student. Outdoor recreational activities, including softball, jogging, tennis and archery, are also a part of campus life. A nearby state park offers nature walks, hiking, fishing, and outdoor swimming in a mountain stream.

Health Services

The modern Barnhart Memorial Health Center is provided with emergency room, treatment rooms, infirmary beds, and doctor's facilities. The College provides the services of two registered nurses and three local physicians for minor occasional illnesses. When students are admitted to Wesleyan, they must submit a physical examination report on an official form provided by the College. Nursing students and athletes are required to have an annual physical examination.

Accidents or cases of serious illness which occur during hours when the Health Center is closed are referred to the Emergency Room at St. Joseph's Hospital, which provides 24-hour emergency service. All students receiving medical care must assume the responsibility of meeting the financial payment directly to the physician or hospital from personal funds or through their hospitalization programs. The College cannot assume responsibility for prolonged or specialized medical care or for hospitalization.

Medical reimbursement insurance, covering accidents and hospitalization, is available at a minimal cost and is provided on an optional basis. It is strongly recommended that all students admitted to West Virginia Wesleyan College be covered by medical insurance.

The Campus Center

The Benedum Campus Center offers physical facilities for swimming, bowling, billiards, pinball, reading, TV viewing, conversation-over-coffee, a quick lunch with friends, and lively bull sessions. It is a place of recreation and relaxation and work. Located in the building are the College Bookstore, Post Office, Outreach Education and radio studios of student-run WVWC-FM, as well as the offices of the student newspaper and yearbook.

The offices of the Vice President for Student Affairs/Dean of Students, the Director of Housing and Summer Conferences, the Director of Campus Life, the Director of the Campus Center and Security are located in the Center.

Most of the campus programming is coordinated by the Director of Campus Life, Campus Center Director and Campus Activities Board. Each weekend entertainment such as concerts, variety shows, comedians, dances and box office films is presented. Other activities include recreation trips, athletic tournaments, exhibits, and student talent shows. In addition, box office films are scheduled on the College's television cable system.

Cultural Events

The partially endowed Cultural Council and Campus Activities Board together provide the campus with numerous cultural activities. These events include concerts, dramatic productions, musical performances, modern dance and ballet, lectures, and a foreign film series. Touring artists such as the Acting Company, Washington Ballet, Waverly Consort, National Theatre of the Deaf, and Spyro Gyra, as well as residencies by artists and writers have brought excellence to the campus in recent semesters.

Community Council

The coordination of campus activities and organizations is the responsibility of a Community Council, composed of representatives from the student body at large, specific student groups, the faculty and the administration. This body, meeting weekly, facilitates campus communication and the development of proposals for change in College policy and procedure. These open meetings serve as a readily available forum for the discussion of campus problems and issues by interested members of the College community.

The Town

Buckhannon townspeople have always considered the College an integral part of the larger community and each year welcome the influx of students with genuine friendliness. The community regularly attends athletic and cultural events, and local churches issue open invitations for all Wesleyan students to become involved in their activities.

In addition to the downtown shops, which provide for the student's needs during the year, the surrounding area has several shopping malls for students to enjoy.

Student Activities

A variety of activities and organizations are responsive to the interests of the student body. Wesleyan men and women participate in a total of twelve intercollegiate sports and support an extremely active and competitive intramural program. Wesleyan's musical organizations have received recognition throughout the eastern United States. The West Virginia Wesleyan Concert Chorale annually performs on tour in cities and towns in the East and has toured abroad during the summers. The Jazz Band is recognized as one of the best in West Virginia, and has also toured abroad. Participation runs high in these and other musical ensembles.

Forensics (both debate and individual events) is one of the most active units on campus and has brought home a number of trophies to promote even more interest among students. Students interested in drama

participate in two major productions each year, Children's Theatre which tours West Virginia during the Spring, and a variety of student-directed programs. Students interested in journalism and communications find their way to the *Pharos* and *Murmurmontis* offices, campus newspaper and yearbook respectively, the campus radio station, WVWC-FM, and the television production studio.

Five national social fraternities maintain fraternity houses near the campus including Chi Phi, Kappa Alpha Order, Phi Sigma Epsilon, Theta Chi, and Theta Xi. A sixth national fraternity, Sigma Theta Epsilon, is housed on campus. Alpha Phi Alpha has formed an interest group with the intention of establishing a chapter in the near future. Four national sororities occupy meeting suites in a special wing of Holloway Hall. These include Alpha Delta Pi, Alpha Gamma Delta, Alpha Xi Delta and Zeta Tau Alpha.

Departmental organizations and honoraries include: Lambda (Business); Economics Club; Glauner Historical Society (History); Mortar Board (Leadership); Home Economics Association; Philosophy Club; Physical Education Majors Club; Student National Education Association; Student Nurses of Wesleyan; Sigma Tau Delta (English); Alpha Phi Gamma (Journalism); Alpha Psi Omega (Dramatic Arts); Delta Sigma Rho —Tau Kappa Alpha (Forensics); Benzene Ring (Chemistry); Beta Beta Beta (Biology); Delta Mu Delta (Business); Delta Psi Kappa (Women's Athletics); Kappa Delta Pi (Education); Kappa Omicron Phi (Human Ecology); Kappa Pi (Art); Math Honorary; Association for Computer Machinery; Omicron Delta Kappa (Leadership);

Omicron Delta Epsilon (Economics); Sigma Theta Tau (Nursing); Phi Kappa Phi (Senior Scholarship); Phi Alpha Theta (History); Pi Gamma Mu (Social Science); Psi Chi (Psychology); Sigma Alpha Iota (Women's Music Honorary); Phi Mu Alpha Sinfonia (Men's Music Honorary); Music Educators National Conference; American Guild of Organists; Kappa Phi (Christian Women); Christian Life Council; and Alpha Lambda Delta (Freshman Scholarship).

Interest groups recognized as campus organizations include: Black Student Coalition, International Student Organization, Coalition on Peace Education, College Republicans, Young Democrats, American Marketing Association, and Public Relations Club.

Honors and Awards

A special Awards Convocation is held annually at Wesleyan. The following honors and awards are among those presented to Wesleyan students who have distinguished themselves during the academic year.

Outstanding Senior Men and Women of Wesleyan
Francis Asbury Award
Sheridan Watson Bell Religious Life Influence Award
Pamela Thorn Memorial Humanities Scholarship
Senior Activity Keys
Community Council Certificates
Okey J. Stout Memorial Trustees' Award
Mathematics Reciprocal Award
International Student Ambassador
Senator Jennings Randolph Scholarship
Academic Departmental Recognitions
Beta Beta Beta Award

Phi Kappa Phi Recognition
Athletic Awards
Alpha Lambda Delta Scholastic Honors
Hyma-Benzene Ring Award
Delta Psi Kappa David E. Reemsnyder Award
Who's Who Among Students in American Colleges and Universities
Fountie and Virginia Lynch Williams Education Award
William B. Hatfield Fine Arts Award

Student Services

The Student Affairs Staff is dedicated to enabling the student to achieve personal development. The staff believes that social maturity and value development are important aspects of the institutional mission and integral to the student's intellectual attainment. The staff coordinates and is concerned with various services primarily related to the student and his activities outside the classroom. The services include the cultural and religious development of students; career counseling and placement, personal counseling and testing; housing of students and residence hall programs; health, physical fitness and medical program; and campus safety. Academic Advising offers special seminars for freshmen that emphasize techniques for achieving academic success.

Orientation

The orientation program is especially designed to assist freshmen in making a successful transition from high school to college, and to assist transfer students in making a satisfactory adjustment to a new environment. This program includes opportunities for all new students and parents to meet student leaders, faculty, and administrators of the College. The program also includes general information, academic advising, counseling, registration for classes, and time for purchasing books and supplies. All new students are required to attend the orientation session. (See Calendar for dates.)

Personal Counseling

West Virginia Wesleyan College is concerned that every student has the opportunity to receive the maximum benefits from the collegiate experience. To realize this goal, the Counseling Center offers services to help students define, understand and work toward their personal, educational, social and career goals. In addition to confidential individual counseling, educational programs are offered to student organizations and in residence halls. Programs such as stress management, drug prevention, career decision-making, and conflict resolution are offered to promote student development. A brochure listing counseling services and resources is distributed annually.

If a student needs specialized psychiatric or psychological services which are not available, the staff will make an appropriate recommendation to the student or his/her parents. The student's family must assume the responsibility for securing treatment.

Career Planning

Students are encouraged to begin the process of career planning as early as the freshman year. Experienced counselors help students learn how to plan effectively for career and job decision-making purposes. Counselors assist students with assessment of job and career opportunities as related to personal goals, interests and ability. Career concerns are considered personal concerns and treated with respect and confidentiality.

The Placement Office maintains a library of career materials as resources for career planning. Vocational guidance testing and interpretation is also available on an individual basis. Students may also become acquainted with these services by registering for the one-credit Career Planning Seminar offered each semester.

Placement

A comprehensive placement service is provided for seniors and graduates. Seminars are offered to prepare graduates in job search skills, resume writing, and interviewing. Each year opportunities are available for on-campus interviews with representatives from business, industry, education, graduate and professional schools. Placement Credentials are kept on file for ten years from the date of graduation and recorded on microfilm thereafter. It is the student's responsibility to set up a placement file during the senior year. Files may then be updated with a current resume or recent references sent to the Placement Office.

Career planning and placement deals with goals, values, interests and priorities. You can, as a matter of fact, call it a variety of names: long range career development; full career planning; long range action planning; self-assessment and planning.

Learning Center

Designed to serve the entire campus community, the Learning Center provides resources for students of all abilities in a warm and friendly atmosphere. A primary function is to assist students in improving their reading, writing, listening, study, and basic math skills through formal classes, counseling services, and individualized laboratory programs. Validated techniques for analyzing current skill levels are used to plan these laboratory programs which utilize computer programs, books, filmstrips, audio and video tapes, and reading machines.

The staff works closely with other counseling services and academic departments by administering a variety of tests and inventories, and by providing supportive services including tutoring.

The Center also provides a special supportive program for learning disabled students. The staff genuinely strives to meet a wide range of student needs and to provide an atmosphere of warmth and concern for all students.

Testing Service

The College maintains a well planned testing program in order to provide counselors, instructors, and students with reliable information about the student's achievements and vocational interests.

West Virginia Wesleyan College is an approved testing center for the administration of the American College Test (ACT), National Teacher Examination (NTE), Graduate Record Examination (GRE), College Level Examination Program (CLEP), Miller Analogies Test (MAT), National League for Nursing (NLN) tests and Preprofessional Skills Test (PPST) and Content Specialization Test for teacher education. Information about these tests and the Wesleyan credit by examination program is available in the Testing Office.

Residential System

Housing

The College is a residential campus housing approximately 90 percent of its students in seven residence halls and a complex of apartments and suites. Full-time students are required to live and board in college residence halls during the regular academic year. Exceptions are those students who live with their parents, married students, and others who, for special reasons, are given written authorization to live off campus upon approval by the Housing Committee. The College does not assume the responsibility for investigating the health and safety conditions of off-campus housing facilities.

Individual rooms in the residence halls are furnished except for linens, blankets,

pillows, wastebaskets, mirrors, rugs, curtains, and study lamps. Telephones and TV cable with FM reception are included in the room charge. Students may apply for the capability of making long distance telephone calls.

Each residence hall maintains a lounge, a TV area, and laundry facilities. Small refrigerators may be rented on a semester basis from the Senior Class at registration.

College regulations regarding the residence halls may be found in the *West Virginia Wesleyan Student Handbook*. This publication is normally distributed to all students at the opening of the academic year.

Residence Hall Council provides the means by which students may improve the quality of residence hall living on our campus. The Residence Hall Council is directly concerned with policy formulation and enforcement in the areas of food service, housing, and programming. Officers and representatives are elected yearly; all members must reside in College residence halls.

Food Service

Co-educational dining is provided in Jenkins Hall, where meals and menus are provided by a professional catering service.

All students residing in the residence halls, except for the Camden Avenue Apartments, must board on campus. Boarding on campus is optional to those students living in off-campus housing.

The coffee shop located in the Benedum Campus Center provides light lunches, refreshments and snacks.

Rules for Living

From its founding and through its developing years, the College has been committed to the basic principles and standards established by The United Methodist Church and its West Virginia Annual Conference, as they relate to learning, social conduct and decorum, and cultural and spiritual enrichment.

The College reserves the right, privilege and responsibility for the establishing and maintaining of institutional ideals, particularly on campus property. These rules and regulations are in the best interest of students, faculty, personnel, and the well-being of the entire college community.

Alcohol and Dangerous Drugs

The College is especially concerned about the use of alcoholic beverages and dangerous drugs and is aware of how dependence on alcohol and other drugs leads to behavior harmful to the user and to others as well.

Therefore, the College disapproves of the use of alcohol or drugs in any form on or off the campus.

Wesleyan policy is based on the Social Principles in the 1984 *Book of Discipline of the United Methodist Church*, which state:

> "We affirm our long-standing support of abstinence from alcohol as a faithful witness to God's liberating and redeeming love for persons.

We also recommend abstinence from the use of marijuana and any illegal drugs. As the use of alcohol or tobacco is a major factor in both disease and death, we support educational programs encouraging abstinence from such use."

Further, there are local, state and federal laws which prohibit use, sale, possession, and trafficking in marijuana, dangerous drugs and dangerous weapons. West Virginia law prohibits the sale or giving of alcoholic beverages to any person under 21 years of age, as well as their consumption by under-age persons. The College will not shield students from these laws. Therefore, it is imperative that students familiarize themselves with local, state and federal laws, some of which are very severe.

Student Responsibility

Every Wesleyan student is faced with the need to have responsible personal and community positions with regard to these concerns.

Each member of the campus community is expected both to have self-discipline and to work with others to achieve the ideals of community life. All students, especially residence hall students, are urged to do their best to prevent situations that are harmful to personal and community life.

Every student who has a problem of any sort, and especially with alcohol or drugs, should seek help (or be encouraged by others to seek help) from the many campus resources: friends, Counseling Center, religious counselors, personnel in the Dean of Students' Office, advisors, Residence Life Coordinators and Resident Assistants.

The College Judicial System

Rationale for Discipline

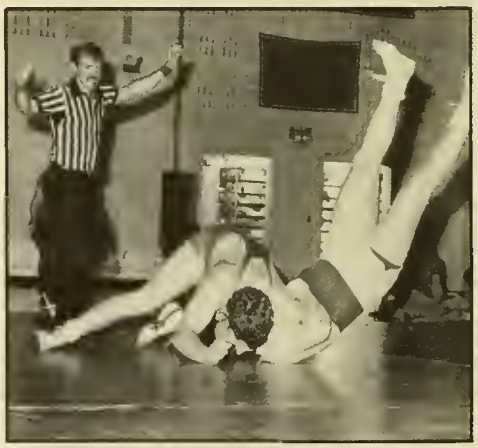
By applying for and accepting admission to West Virginia Wesleyan College, students voluntarily make a decision to become part of a living and learning community which exists in a covenant of mutual respect, honesty, and trust. It is understood that the opportunity for free inquiry and free expression essential to the educational process can exist effectively only within a system of order which supports it. To maintain such a system of order each member of the Wesleyan community accepts responsibility for personal actions and adheres to and respects the general regulations of the College as well as the laws of the larger society, including municipal, state, and federal statutes. When individuals fail to accept these responsibilities the College will confront such behavior and impose disciplinary sanctions. The primary purpose of the imposition of discipline at Wesleyan is to protect the campus

community and to uphold the ideals and standards the College seeks to maintain. Consistent with that purpose, reasonable efforts will be made to foster the personal development of those students who are held accountable for violation of College regulations.

Administrative Authority

The Board of Trustees of West Virginia Wesleyan College possesses by legal charter ultimate authority for the institution. The Trustees have entrusted the President of the College with the responsibility and authority to develop and supervise the operation of the disciplinary function. The President, in turn, has designated the Dean of Students as the primary officer in charge of the maintenance and supervision of the judicial process.

Colleges and universities are not expected to develop disciplinary regulations which are written within the scope or precision of a criminal code. Rare occasions may arise when conduct is so inherently and patently dangerous to the individual or to others in the community, or raises a substantial threat to the basic ideals and standards of the College, that extraordinary action not specifically authorized in the rules must be taken.



West Virginia Wesleyan College reserves the right to take the necessary and appropriate action to protect the safety and well-being of the campus community as well as the right to discipline a student if his/her scholarship proves unsatisfactory, or if his/her presence jeopardizes substantially the basic ideals and standards the College seeks to maintain. A student who fails in any matter of conduct to conform to these standards may receive a disciplinary reprimand, be placed on disciplinary probation for a stated period or, if his failure is judged to be sufficiently serious, be suspended or expelled.

Students and faculty are asked to assume positions of responsibility in the College Judicial System in order that they might contribute their skills and insights to the resolution of disciplinary cases. Final authority in disciplinary matters, however, is vested in the College administration.

The standards and operating procedures of the judicial system are found in the Code of Conduct published in the *Student Handbook.*

Use of Cars

Any student enrolled at Wesleyan may drive a car at West Virginia Wesleyan but is required to register it on a form provided by the College. Every motor vehicle driven by a student must have in force bodily injury and property damage liability insurance. Any student who makes reckless or improper use of a car, or fails to provide the College correct information regarding the car he drives, will lose the privilege of driving while at Wesleyan.

Regulations describing the use of parking areas, with regard to restricted zones, time limits and financial penalties for traffic violations, are distributed annually to all College personnel including students. Traffic regulations and procedures are reviewed by the Student and Institutional Rights Committee of Community Council and enforced by the campus security force.

Continuing Policy Evaluation

Life style policies are reviewed each year by the Housing Committee, the Faculty Campus Life Committee, the Student Life Committee, and the Trustee Council on Student Affairs. These committees continually explore changing life styles and attempt to create avenues that will enable West Virginia Wesleyan to retain its ideals, while providing a campus community responsive to the interests and needs of today's students. Members of the campus community and other interested persons are encouraged to express their concerns and share their ideas with the above committees.

Academic Program

Our Commitment

Wesleyan has traditionally valued the individual and has sought to elevate human life by a vision of the nobility of persons in the search for truth, beauty, and justice. It is the whole life of those who join this community that is the interest of the College.

A "whole life" view regards the place of both the curricular and the co-curricular during the college years. It acknowledges that all of one's doing is informed by articulated, relevant values, and that no acquired knowledge can be without import for living.

It respects both individuality and the well-being of the community. It frees the mind from provincialism and it places human life in the context of stewardship for the earth.

It regards all of the sensibilities of a human being — intellectual, affectional, moral, and religious — as significant. And finally, it espouses that life is not merely to be prolonged, but is to be transformed, so that ultimately it has meaning and worth.

The theme of Quality of Life is worked throughout the curriculum as a uniting thread amid the diversity of faculty contributions and the multiplicity of student interests. It means that we strive to "draw out" the possibilities of the human spirit rather than to inculcate diverse fragments of knowledge.

Academic Advising

Wesleyan takes very seriously its obligation to offer students the information and advice they need in planning their own academic programs. Every student is assigned a faculty advisor to help identify major interests, appropriate educational opportunities and the best way to pursue those interests and opportunities. Education is properly the responsibility of the learner, but the academic advisor assists with the selection as well as approves the student's program for each semester.

The College supports a well-staffed Academic Advising Office where counselors work with students in individual and group settings. Students undecided about a major or career may seek advice, as may those changing majors or pursuing more effective ways of studying or techniques to limit stress or test anxiety.

CORE Advising assists students through their first semester at Wesleyan. Groups of about fifteen students share the expertise of a CORE Advisor and an upperclass student leader. Each student is encouraged to examine and articulate individual goals — not only academic, but also social, cultural and personal.

Plan of Study

General Studies Curriculum

The General Studies curriculum, as distinguished from specialized education, is designed to add breadth of appreciation and experience to a student's college study. Its focus is the development of skills, attitudes and habits which equip a person for effective participation and leadership as citizen, employer, employee and church and family member. These studies should introduce the student to significant questions addressed by humanity in every age and to the perspectives brought to these questions by the various forms of inquiry.

In brief, the General Studies program seeks to continue the life-long process of educating a person toward sensitivity, perceptivity and constructive citizenship.

The requirements of the curriculum are distributed across seven broad areas of study and may be met at various stages of a student's four-year program. These studies therefore are not necessarily preliminary to work in a specialized area but may accompany and enrich that work.

I. **Religion and Philosophy**
A student will select one course in the Department of Religion and one in the Department of Philosophy.

II. **Fine Arts and Literature**
A student will choose one of the following options in the area of Fine Arts (Music, Art, Drama), Literature (in English or in a foreign language, including dramatic literature) and Language. Three credits of applied study may count as one of the Fine Arts courses.
   A. Three or four courses (at least eight semester hours) including both Fine Arts and Literature, or
   B. One semester of interdisciplinary Humanities plus one Fine Arts and one Literature course, or
   C. Two semesters of interdisciplinary Humanities plus one course in either Fine Arts or Literature, or
   D. A sequence of a Foreign Language at the intermediate level (French 10-11, German 11, 12, 21, Chinese 21-22, or Greek 42, 43), 5-6 credits.

III. **Communication**
A student will take both Composition and Fundamentals of Speech Communication. Because other educational experiences are built on these skills, the courses should be taken early in the college program.

IV. **Natural Science and Mathematics**
A student will complete one of the following options:
   A. A sequence of two courses in a Science (with laboratory experience) plus three hours in Mathematics or Computer Science.[1]
   B. A sequence of Mathematics courses (College Algebra-Trigonometry, Finite Mathematics I-II, Calculus I-II or Computer Science 2, 50) plus a Science course with laboratory experience.

V. **Social Sciences**
A student will complete one course in History (either History of Western Civilization II or History of the United States II) and a course from each of two other fields: Sociology, Economics, Government, Psychology, Anthropology and interdisciplinary Social Sciences.

VI. **Health and Physical Education**
A student will complete four semester hours in this department, at least two of which will be activities courses. No more than four activities credits may count toward graduation. Students transferring to the College without Physical Education credit are required to complete one hour for each year or part of a year spent at Wesleyan, the two activities credits coming first.[2]

VII. **International Studies**
A student will complete at least three hours of coursework whose content and focus are directed substantially to the study of a culture or national tradition other than the student's own.[3]

[1]Physical education majors may combine Physical Education 10, 11 and 12 with one laboratory Science course and one Math course to meet this requirement.
[2]Nursing students are required to earn only the two activities credits. Physical education majors are not required to earn activities credits.
[3]A list of applicable courses is available from each academic advisor.

Majors Offered

The College offers majors in the following fields. Specific course requirements may be found in the section of the Bulletin entitled Instructional Offerings. Some fields offer special emphases or tracks within the major.

Art
Art Education
Biology
Business
Chemistry
Christian Education and Church Leadership
Computer Science
Computer Information Science
Dramatic Arts
Economics
Education
Electrical Engineering
Engineering Physics
English
Fashion Merchandising
French
Government
Health and Physical Education
History
Human Ecology
International Studies
Mathematics
Music
Nursing
Nutrition
Philosophy
Philosophy and Religion
Physics
Psychology
Public Administration
Public Relations
Rehabilitation
Religion
Social Science
Social Work
Sociology and Anthropology
Speech Communication
Speech Communication and Dramatic Arts
Youth Services

A student has the option of declaring a major and a minor or a double major. In the case of a double major a student must declare a first major and complete both majors fully and not at the expense of the requirements of the General Studies program or of either major.

Contract or Individualized Major

The Contract Major is available to serious students who wish to investigate subjects or interests that cannot be addressed by the courses of a single department. With the assistance of three faculty sponsors a student may structure a program of 30-45 semester hours of interdepartmental studies around the defined objectives, including in it an integrative senior project. The proposed major must be approved by the Curriculum Committee. Specific guidelines are available in the Office of Academic Affairs.

Minors

In addition to the departmental minors listed below among the Instructional Offerings, a student may choose an individualized minor combining related courses from more than one department. Planned in consultation with two faculty advisors and subject to Curriculum Committee approval, such a contract minor should include 9-12 hours in one of the constituent departments and not overlap courses in the major.

Preprofessional Programs

Lawyers — Pre-Law Studies

The College offers a variety of studies suitable for students interested in legal careers. Since the practice of law allows for a number of variations, it is important to consult with the pre-law advisor about majors and electives that best fit the needs of the individual student. Admission to law school depends on performance in the more demanding courses of the curriculum, on leadership qualities, on research skills and more generally on language competence and general analytical and reasoning abilities (which are measured by the Law School Admission Test). Experience shows that majors in History, Government, Philosophy and English are among those that best prepare for law school.

As a minimum, pre-law students should take the following: Composition (two semesters), Principles of Accounting I-II, Principles of Economics (two semesters), History (two courses), Political Theory (two semesters), Constitutional Law, and Philosophy (two courses including Logic).

Premedical Studies — Allied Fields

A number of Wesleyan graduates have entered professional health schools such as schools of medicine, dentistry, optometry, pharmacy, podiatry and veterinary medicine. While there are differences of emphasis in the preparation for these various careers, there is a common expectation that a student's undergraduate program will have a strong basis in the sciences. Students should plan to begin laying this foundation in the freshman year of college and should seek early advice regarding recommended courses of study. Most students in this area of study complete their majors in Chemistry or Biology. Beyond their work in the sciences successful applicants to professional schools are advised not to neglect preparation in the humanities and social sciences.

Information regarding curricula for these fields and about application to professional schools or for the MCAT (Medical College Aptitude Test) may be obtained from the premedical advisor or the chairperson of Chemistry or Biology.

Ministers — Pre-Seminary Studies

The pre-ministerial student planning to enter seminary should follow a program of studies at the College to achieve a broad cultural and intellectual foundation. The American Association of Theological Schools in the United States and Canada suggests that 30 semester courses, or approximately three-fourths of the student's college work, be taken in the following specified areas: 1) English and Speech, including composition, literature, basic speech and related courses — six semesters; 2) History, including ancient, modern European, and American — three semesters; 3) Philosophy — three semesters; 4) Natural Sciences, preferably physics, chemistry, or biology — two semesters; 5) Social Sciences — seven semesters; 6) Foreign Language — four semesters; and 7) Religion — three semesters. Wesleyan also offers courses in Christian Education and Church Leadership as helpful preparation.

The most desirable areas of concentration for the pre-ministerial student are English, Philosophy, History and Religion.

Combination Degree Programs (Institutional Affiliations)

Engineers — A "Three-Two" or "Four-One" Course

(Leading to Bachelor of Science and Bachelor or Master of Science in Engineering Degrees)

West Virginia Wesleyan and the University of Pennsylvania, in Philadelphia, offer cooperatively a five-year curriculum in liberal arts and engineering. Students who elect to pursue the "three-two" curriculum will devote the first three years in residence at West Virginia Wesleyan in a carefully planned program of study in the liberal arts and sciences which are basic to engineering. They should establish early contact with an advisor at the University. If they meet the admission standards, they spend the last two years in residence at the University of Pennsylvania completing the program in the chosen field of engineering.

Engineering options available at the University of Pennsylvania include:

Chemical and Biochemical; Civil and Urban; Mechanical and Applied Science; Metallurgy and Applied Science; Bioengineering; Computer and Information Science; Electrical; and Systems.

Upon satisfactory completion of the fourth year of the program, the students are eligible to receive the Bachelor of Science degree from Wesleyan, and upon satisfactory completion of the fifth year, they are awarded a Bachelor of Science degree in the chosen field from the University of Pennsylvania.

By attending Wesleyan for four years, then transferring to the University of Pennsylvania for one or two years, a student can obtain a Master of Science degree in any of eight engineering specialties.

Students may also choose to attend graduate school in engineering at any of a large number of universities.

A four-one program in Aeronautical Engineering is offered in conjunction with Langley-NASA Research Center. See Physics and Engineering Department for requirements.

Foresters and Environmental Scientists — A "Three-Two and One-Half" Program

(Leading to Bachelor of Science and Master of Forestry or Master of Environmental Management Degrees)

West Virginia Wesleyan and the Duke University School of Forestry and Environmental Studies offer cooperatively an eleven semester curriculum in Liberal Arts and Forestry or Environmental Studies. Students who elect to pursue this curriculum will devote the first three years in residence at Wesleyan to a carefully planned program of studies in the liberal arts and sciences, and the last two and one-half years in residence at Duke University where they will pursue a professional curriculum of their choice in either Forestry or Environmental Studies.

Upon satisfactory completion of the fourth year of this coordinated course of study meeting all general studies and biology major requirements, the student is awarded the Bachelor of Science degree by West Virginia Wesleyan. Upon satisfactory completion of three additional semesters, the student is awarded the professional degree of Master of Forestry or Master of Environmental Management by the Duke University School of Forestry and Environmental Studies. For more information contact the Chairperson of the Department of Biology.

January Term

The January Term at Wesleyan is a month of study devoted to encouraging innovation in the curriculum and a sense of accomplishment in learning. Students concentrate on a primary course but may elect to take an additional one-hour course to earn a maximum of four credits during the term. The focused efforts of both students and faculty allow for more intensive concentration and greater flexibility in scheduling of class meetings or in teaching methods. It is an excellent time for arranging field experiences, internships or travel courses.

In general the January Term is composed of elective courses or special offerings reflecting current issues. A number of students arrange independent study or job-related learning experiences through learning contracts. A special course catalog for this term is published each year.

Study Abroad

The College makes available to students information about opportunities for study in other countries. A wide variety of courses and experiences is available through both international and American institutions, for summer as well as for one- or two-semester study. Academic credit from these approved programs is readily transferable toward the Wesleyan degree.

The international study experience is not only for language students. Many foreign centers provide a broad curriculum in English, while offering instruction in the language of that country; others do concentrate on the language itself, often with introductory classes for beginners. Courses emphasize history, culture and contemporary political and economic issues in that country.

Students who are considering study abroad should contact the advisor for this area and begin to plan one year in advance for program selection, financial arrangements and course approval.

The Honors Program

The Honors Program consists of a selection of seminars available each year for students interested in the intellectual stimulation of exploring ideas with other motivated students and faculty. These seminars are chosen for their breadth of interest to students in various departments of the College and are often interdisciplinary in scope. Each class includes a significant writing component and depends upon full participation by all members of the class.

It is not necessary for a student to be formally committed to completing the Program in order to enroll in any particular seminar. There are no fixed requirements of class rank or grade average for admission to Honors seminars, although individual courses may list specific prerequisites and faculty will typically want to meet with interested participants before granting permission to enroll. The principal prerequisite is the willingness to participate fully in the seminar study.

In order to graduate as an Honors Student a student must have:

1. Completed four three-hour Honors Seminars with at least a grade of B in three and A in one.
2. Developed a major paper or project arising out of the Honors course work, approved by the program director and acceptably presented to the Honors faculty and students.

Students successfully completing all requirements of the Honors Program will be recognized during the Commencement ceremonies and have placed on their permanent records (transcripts) the designation of *Honors Student*. (A student who has not completed the requirements for graduating as an Honors Student may still graduate Summa Cum Laude, Magna Cum Laude, or Cum Laude if his GPA meets the standards designated by the College.)

The director of the program prepares a balanced selection of classes and seminars each year that will provide ample choice for students interested in completing the program.

Outreach Education

Outreach Education is an academic extension of West Virginia Wesleyan College, offering credited college-level courses on cassette tape. Outreach courses are regular Wesleyan courses developed for persons who for financial, geographic or personal reasons prefer not to attend regular campus classes. Some of these courses are available to matriculated Wesleyan students as well.

Outreach courses are economical, fully accredited and transferable. They are prepared in accordance with Wesleyan's standards of academic quality and taught or supervised by Wesleyan faculty. The enrollee receives a course package containing lectures on cassette tape, student manual, texts and other support material. The student works independently through a semester, communicating with the instructor through the mail and by telephone.

Courses available through this program include:

Art	1	An Appreciation of Art
Bus	3	Business Statistics
	12	Business Communication
	13-14	Business Law I-II
	21	Principles of Accounting
	61	Managerial Accounting
	70	Principles of Marketing
Engl	27	The Novel
	39	Women and Literature
	40	Murder, Mystery and Mayhem: Whodunit?
Govt	25	Contemporary Western Europe
Hist	2	American History, 1865 to the Present
	4	America As A New Nation
Lib Sci	3	Children's Literature
Music	4	Music Appreciation
Psych	1	General Psychology
	7	Psychology of Personality
	40	Intelligence
	41	Increasing Assertiveness
Soc	2	Introduction to Sociology
	22	Criminology
Gen Coll	5	Academic Skills
	10	History of Love
	11	Personal Lifestyles
	35	Issues in U.S. Religion

How To Graduate

Degrees Awarded

West Virginia Wesleyan College confers six academic degrees; **Bachelor of Arts** (upon graduates majoring in Art, Chemistry, Christian Education and Church Leadership, Economics, Education, English, French, Government, History, International Studies, Music, Philosophy, Physics, Psychology, Public Administration, Public Relations, Rehabilitation, Religion, Social Sciences, Social Work, Sociology and Anthropology, Speech and Dramatic Arts, or Youth Services); **Bachelor of Music Education** (Music); **Bachelor of Science** (upon graduates majoring in Biology, Business, Chemistry, Computer Science, Electrical Engineering, Engineering Physics, Fashion Merchandising, Health and Physical Education, Human Ecology, Mathematics, Nursing, or Nutrition); **Master of Education or Master of Arts in Teaching**; and **Master of Business Administration.**

For those students pursuing individualized programs, the appropriate degree (from those listed above) will be ascertained according to the content of the student's program.

Degrees With Distinction

Students who earn at least 64 hours through regularly enrolled study at West Virginia Wesleyan and who complete all baccalaureate degree requirements with a scholarship quotient of 3.50 to 3.74 on both total record and credits earned at Wesleyan will be graduated *cum laude*; those who complete all such requirements with a scholarship quotient of 3.75 to 3.94 on both total record and credits earned at Wesleyan will be graduated *magna cum laude*; and those who complete all such requirements with a scholarship quotient of 3.95 on both Wesleyan and total records will be graduated *summa cum laude*.

Commencement

The Commencement ceremony is held at the end of the spring semester each year. All students who completed degree requirements during the previous summer and winter as well as May graduates are awarded degrees during the program. Qualified students who expect to complete degree requirements during the ensuing summer may make application to the Dean of the College for permission to participate early in Commencement. Guidelines for participation are available in the Academic Affairs Office.

Requirements for Graduation

A. In order to qualify for a Bachelor of Arts, Bachelor of Music Education, and Bachelor of Science degree, all students must:
   1) Earn a minimum of 128 semester hours of credit;
   2) Complete General Studies requirements plus a major and, except when specifically excluded, a minor or second major field of study;
   3) Achieve a "C" average (2.00 grade point average) in all college work attempted, in all college work attempted at Wesleyan, and in each major and minor field of study.

B. Except in specifically approved majors a maximum of 45 credit hours in a department may be counted toward the 128 credit hours required for graduation.

C. Qualifications for the Master's degrees are given in the section titled "Graduate Programs."

Students should be thoroughly familiar with, and must assume responsibility for meeting degree requirements.

Accelerated Program

The College affords students an opportunity to complete their studies in a shorter time by offering two fourteen-week semesters, a short term, and three summer terms annually. This makes it possible for a student to earn from 44 to 48 semester hours of credit per year, and to complete most degree programs in three years or less. Under this program an exceptionally capable student may increase his semester load by one or two semester hours beyond the normal study load. (See Course Load.)

The accelerated program is equivalent in every respect to the regular four-year program. For highly structured academic programs careful planning of course sequences is essential.

Academic Residency

Except for the Master's programs (q.v.), in order to qualify for a degree, a student must earn in residence at least thirty-two semester hours of credit and at least twice as many quality points as semester hours attempted.

Furthermore, in order that a graduate may both have received culminating studies at Wesleyan and have contributed as a mature member of the academic community, it is required that at least twenty-four of the last thirty-two semester hours of credit before graduation or entrance into an officially established cooperative program for the senior year be earned in residence or internship.

Semester Hours

A semester is a fourteen-week term. In general, a course meeting one hour per week for one semester carries a credit of one semester hour; a course meeting two hours per week for one semester, two semester hours, etc. Summer and January Term classes meet more frequently over shorter periods of time to achieve the same number of classroom hours.

Necessary Examinations

A written or performance Comprehensive Examination or other method providing proper final academic evaluation of the student is obligatory in some major areas of study. The results of such evaluations are recorded on the student's permanent record.

For purposes of institutional program review students may be required to participate in a national examination such as the College Outcome Measures Program. Some individual departments also require assessment exams of their graduates.

Application for Degree

At least twelve months prior to anticipated completion of degree requirements, each candidate for a degree is required to file at the Office of the Registrar an application for a degree. This makes it possible to check requirements still to be met while there is still time to meet them. A charge of $10 is made for failure to comply with this regulation. Such failure may also result in postponement of graduation.

Contract Studies

The learning contract is a means of individualized instruction whereby the student enters into a written agreement with one or more faculty members to achieve specific educational objectives for academic credit. The contract objectives may be limited as those achieved in a single course or they may be extensive as those achieved in a semester or more. The student and faculty member agree on the ways the student will achieve the objectives, which may include attending classes, independent study, curriculum related employment, travel, field experience, internships, or any other activities realistically designed to bring the student desired results. The student and the faculty member also agree on the means of evaluating the student's accomplishments and determining a grade. The student may use the learning contract to gain knowledge and skill in an area or career field not covered by the regular curriculum of the College.

A learning contract, developed by the student and faculty sponsor, is forwarded to the Contract Learning Office for review and approval. The contract must be made prior to registration to be part of the student's registration for that term. The student must register in order to receive credit. To participate in contract learning a student must be a second semester sophomore in good standing (2.0 average). A maximum of 27 semester hours credit may be earned in this way.

Academic Regulations

Academic Integrity

Since learning is the common goal of the College, it is the personal responsibility of all members of the community, as faculty and students, to foster seriousness of inquiry and integrity of action in their studies. Respect for truth and the freedom of inquiry and expression needed in the search for truth require honesty in all aspects of academic work.

A Statement on Academic Integrity, describing standards of performance, defining acts of plagiarism and cheating, and identifying the specific responsibilities of faculty and students to encourage honesty and to deal with violations of community standards, is published in the Student Handbook. A Board of students and faculty is appointed to foster these aims and to act on problems that arise.

Registration

When to register

All students must register at the beginning of each semester or summer term in accordance with the dates designated in the college calendar.

Students in residence during any semester or summer term preregister for the ensuing semester and/or summer term on dates designated. It is essential that preregistration be completed in order that provision may be made for faculty scheduling, class sectioning, textbooks and laboratory materials. A charge of $10 will be made for failure to preregister on dates designated.

Changes in registration

Course changes can be made only with the approval of the Registrar. In order to minimize changes, students should consult their advisor, the course instructor, or, if necessary, the Department Chair before registering.

No changes in registration involving addition of new courses may be made after the fifth day of classes in any semester, or after the first two days of classes in any summer term (of four weeks). (See Withdrawal from Courses in this section.)

Late registration

Except in cases of unavoidable delay, late registration is strongly discouraged and entails a $10 charge. Students who enroll late may be required to reduce the number of hours for which they register, unless excused by the Committee on Admission and Academic Standing.

Classification

Students who have met all entrance requirements and completed registration become freshmen; those who have earned 32 semester hours of credit become sophomores; those who have earned 64 semester hours of credit become juniors; and those who have earned 96 semester hours of credit become seniors.

(For some purposes years of enrollment may be used to assign informal social classification.)

Course Load

The normal student load is fifteen credit hours per semester, and six hours per summer term. Students who are working part time, or who are failing to maintain a satisfactory scholastic record, are advised to carry a lighter load. The Committee on Admission and Academic Standing may require the academically weak student to lighten his load. No student may register for more than seventeen credit hours in any one semester, or more than eight in any one summer term, without adequate grade point average and special permission of the Vice President for Academic Affairs.

Scholarship Quotient

The term "scholarship quotient" or grade point average (GPA) is used to indicate the ratio of the total of quality points earned by students to the total of semester hours for which they have registered, excepting (1) courses from which they have withdrawn officially, (2) courses in process, and (3) courses in which a grade of "Pass" was earned.

Grades and Quality Points

Students must maintain at least a "C" average, that is a scholarship quotient of at least 2.00, in courses undertaken at West Virginia Wesleyan College, on total record, and in the major and minor fields.

Grades	Explanation	Quality Points (per cr. hr.)
A	Excellent	4
B	Good	3
C	Average	2
P	Pass	0
D	Poor	1
F	Failure	0
I	Incomplete	0
W	Withdrew	0
FW	Irregular Withdrawal	0

Grades of P, I and W are not included in grade point average calculation.

If a student who has been making a passing grade cannot complete work in a course because of illness or other sufficient reason, an I (incomplete) is entered temporarily on the record. A course recorded as incomplete must be completed within the first six weeks of the next regular semester (or summer school session, in the case of a spring semester course), except when an extension of time is granted by the Committee on Admission and Academic Standing. Otherwise, the I automatically becomes an F or such other grade as the instructor assigns, taking account of finished and unfinished work.

Pass/Fail Courses

A junior or senior student may choose to take one elective course each semester to be marked on a Pass/Fail basis with the approval of the instructor and faculty advisor. The student may not use this option for courses which are required for general studies or are in the major or minor. The Pass or Fail will be entered on the student's permanent record, and, except for courses marked Fail, will fulfill hour requirements. A Pass grade will not affect the grade point average (GPA).

This option is extended to all students in January Term elective courses.

Dean's List

Superior scholarship is encouraged and recognized by the publication at the end of each semester of the Dean's List, which is constituted of students who have achieved a scholarship quotient of 3.35 or above for the semester, while carrying a load of at least 12 semester hours. For purposes of qualifying for the Dean's List, a full summer session will be treated as a semester.

Attendance Requirements

Each student is responsible for attending classes, laboratory sessions and convocations. Missing any class or laboratory session, or substantial portion thereof, constitutes an absence. Missing sessions because of late registration constitutes absences. Each faculty member, within the framework of these regulations, is responsible for establishing standards and handling problems of attendance.

A student who, in the judgment of the Committee on Admission and Academic Standing, has been grossly negligent in class attendance shall be subject to disciplinary action.

The Dean of Students periodically notifies faculty of those students whose absences are reported to be due to illness, personal emergencies, or official college business.

Withdrawal from Courses

A student will be permitted to withdraw from a course only during the period designated in the academic calendar. Unless otherwise specified, the final date for withdrawal from a course of less than a semester's duration will be the midpoint of that course. In order to withdraw from a course, a student must complete the withdrawal form available in the Office of the Registrar.

If the student is granted permission to withdraw, W (Withdrew) is entered on the record. If a student discontinues a course after the specified date for withdrawal and/or without permission of the Vice President for Academic Affairs, FW (Failure, Irregular Withdrawal) is entered on the record.

Courses Repeated

A course in which the final grade is D or F may be repeated at Wesleyan with the permission of the Registrar. When a course is repeated, with permission, both the first grade received and the grade in the repeated course, with their related hours and quality points, shall remain a part of the permanent record. The first grade received will be ignored when computing the student's grade point average (unless it was a D followed by an F, in which case both count until followed by a passing grade). For students in teacher education, state regulations limit the application of this policy to courses in which a D or F was earned no later than the semester in which the sixtieth semester hour was attempted.

Unsatisfactory Progress

Academic Warning

Students who fail during any semester to maintain on total record a scholarship quotient of 2.00 or above, or fail to make passing grades (A, B, C, or D) in at least three-fourths of the hours for which they were registered, will be placed on the Warned List for the next semester in which they are in attendance, and notice thereof will be given to the students and their parents.

While students are on the Warned List, they may be ineligible for consideration for an award of institutional financial aid.

Academic Probation

A student who fails during any semester to maintain on total record an appropriate scholarship quotient will be placed on academic probation. A junior or senior who fails during any semester to maintain a scholarship quotient of 2.00, or above, will be placed on academic probation. All such students must remain on academic probation until they have attained the required scholarship quotient on total record.

A student on academic probation who fails during one semester of probation to attain the required scholarship quotient or make satisfactory progress toward a degree may be discontinued because of poor scholarship. A discontinued student may apply for readmission, and, with evidence of academic progress, may be admitted two semesters after the discontinuation. (One complete series of summer terms counts as one semester.)

Students on academic probation may not participate in musical organizations, broadcasting and dramatic productions, which are considered to be co-curricular and do not carry credit. In the case of departmental organizations, standards for participation are set by the organizations themselves. For participation in intercollegiate athletics, a student must meet the eligibility requirements of the National Association of Intercollegiate Athletics and may not be on academic probation.

Standards of academic progress and conduct for veterans are the same as for all students.

Suspension and Withdrawal

Students who incur an excessively large number of absences from any course(s), or who are otherwise grossly negligent of their studies, may be suspended from the course(s) involved, or from all courses, by the Committee on Admission and Academic Standing, or may be permanently discontinued by said Committee. Students so suspended, or discontinued, shall have "F" entered on their permanent records for the courses involved.

West Virginia Wesleyan College reserves the right to require students to withdraw, if their scholarship proves unsatisfactory, or if their presence jeopardizes in any way the ideals and standards the College seeks to maintain.

Academic Credit

Credit by Examination

The College makes available to students a program of credit by examination. Students must be enrolled at Wesleyan to take advantage of credit by examination opportunities.

Students who take the College Board Advanced Placement Program examinations and achieve a score of three or higher may be granted credit in the appropriate course(s) upon enrollment at Wesleyan.

The College participates in the College Level Examination Program (CLEP). Students may receive credit through the general examinations when the student achieves the passing score set by Wesleyan. Thirty CLEP subject examinations are also available in courses of a general college nature.

Students desiring to establish credit by examination in courses which are not available through CLEP may do so by taking institutionally prepared tests and receiving at least an average grade ("C") as determined by the faculty.

Fees for all credit by examination are $70 for each examination (fees are not refundable). Duplicate credit by examination and/or regularly earned college credit will not be granted. Students may not take examinations for courses previously attempted in the classroom.

Students of exceptional ability or any students who have had extensive high school preparation in a given area are encouraged to take advantage of credit by examination. Interested persons should consult the Testing Supervisor.

Credit for Professional Studies

A student who has completed at West Virginia Wesleyan three years of a "three-two" curriculum in engineering or forestry, as outlined in this Catalog, may substitute successful completion of the fourth year of such a program for the additional number of credits required for a degree.

A student who has completed a minimum of 96 semester hours may, with the prior permission of the Committee on Admission and Academic Standing, enter an accredited professional school, and transfer back to West Virginia Wesleyan enough credits in subjects approved by the Committee to complete the total number of credits required for a degree — provided the student has met fully all other degree requirements.

Credit for Educational Experience in Armed Services

The College may grant appropriate credit, as recommended in *The Guide to the Evaluation of Educational Experiences in the Armed Services*, and as modified or superseded by later recommendations of the Commission on Educational Credit of the American Council on Education, to students who either submit satisfactory documentary evidence (e.g. DD 214), or demonstrate on such tests as the College may prescribe that they have achieved, through educational experience in the armed services, a satisfactory degree of mastery of any subject for which the College regularly gives credit.

In granting credit under these regulations, no duplication of credit will be allowed, and no fractional credits will be granted.

Credit in physical education may be allowed for educational experience in the armed services only when the applicant has completed twelve continuous months of active military service.

Credit for educational experience gained in the armed services will be recorded only for persons who are currently enrolled as students in the College.

Interested persons should consult the Registrar.

Credit for Noncollegiate Study

The College may grant credit, as recommended in *The National Guide to Credit Recommendations for Noncollegiate Courses* of the American Council on Education, for the study of subjects in other than college settings which are consistent with the curricular program of Wesleyan. Such credit will be recorded only for persons enrolled in a degree program at the College. Inquiry should be made with the Registrar.

Grade Reports

At the end of each semester, and at the end of each summer term, the College issues a report of each student's grades. Progress reports are sent at midterm.

This report is mailed to the designated parent or guardian except for students formally identified as having independent status.

Auditing

A person desiring to audit a course must obtain permission from the Vice President for Academic Affairs, register as an auditor, and pay the auditor's instructional charge for the course. (See Auditors in Expenses and Financial Aid section.) A full-time student may audit a course without having to pay the audit fee if the audited course does not create an overload.

Auditors take no examinations, submit no written work, do no laboratory work, and receive no credit for courses audited.

Instructional Offerings

Divisional Offerings

Academic departments at Wesleyan are organized on a divisional basis in order to promote and coordinate interdisciplinary study.

Division I Humanities

Chairperson, *Gurdak*

Art: *Tinelli, W. Oldaker*
Christian Education and Church Leadership: *Carr, P. Coston, Wilmoth*
English: *DeFoe, Eubank, Mallory, Norvell, O'Brien, Saunders*
Modern Languages: *Trusler, Gurdak, Hamner*
Music: *Milburn, Dees, DiGiustino, Hamilton, Loftis, Parsons*
Philosophy: *Keating, Morrissette*
Religion: *Holmes, Bercovitz, Gurdak, Welliver*
Speech and Dramatic Arts: *Norvell, Allen, Long, C. Presar, S. Presar, Reed*

1, 2. Humanities. Each 3 hrs.
An interdisciplinary experience that explores the value and worth of the humanities in the life of the individual. In an integrated way each student encounters the creative arts (music, art, drama) as well as the more traditional humanities (literature, philosophy, etc.). The course brings together faculty from many disciplines and emphasizes individual expression in group discussion.

26. Literature in the Oral Tradition. 3 hrs.
A study of oral literary expression with a goal of improving literary awareness and personal self expression. Includes an analysis of oral literary genres and styles and introduces techniques to permit students to adapt and create stories for personal or professional use. Of particular relevance to those interested in teaching, ministry, communications and literature. *Counts as Fine Arts credit for General Studies.*

Philosophy and Religion

Philosophy and Religion offer an area concentration major of 36 semester hours, with the approval of the student's faculty advisor, to students who have definite pre-theological plans.

A minimum of 12 semester hours should be selected from each department. Recommendations as to specific courses taken, depending on the student's interests and qualifications, include: Religion 10 and 20; Philosophy 3 and 20. The student is to select courses in consultation with the advisor.

Division II
Physical and Biological Sciences

Chairperson, *Colson*

Biology: *Gregg, Colson, Glencoe, McCormick*
Chemistry: *Capstack, Hamner, Richter*
Mathematics and Computer Science: *Berry, Clemens, Dandekar, Klausewitz, McWhorter, Sheppard, Wiest*
Nursing: *O'Dell, Campbell, Jackson, McKinney, Moore*
Physics and Engineering: *Wiest, Chelf, Hickman, Klausewitz, McWhorter, Sheppard*

51. Cultural Roots in Health Beliefs. **3 hrs.**
Responses to health and illness in various cultural, ethnic and religious groups, including the student's own perception of culture and health beliefs. Cultural responses and barriers to health care. Cultures considered include Appalachian, Asian, Black, Hispanic and Native American.

Division III
Social Sciences

Chairperson, *Bright*

Economics: *Nair, Young*
Government: *Morrissette, Bright*
History: *H. Coston, Cresswell, Hunt, Mahoney*
Psychology: *Richard Calef, Ruth Calef, Choban, Hiedemann, Kuba*
Sociology, Social Work and Anthropology: *Warner, Bailey, Bright, Flaxer, Olson, Peterson, Richardson*

3. Social Science for Education. **3 hrs.**
Introduction to the perspective, basic ideas and tools of the social sciences. Specific social issues analyzed using an approach which integrates data and perspectives of history, geography, anthropology, psychology, sociology, economics and political science. *Enrollment limited to Early/ Middle Childhood Education majors.*

Social Science Major

Students must take Economics 10, 11, Government 1, History 21, 22, Psychology 1, Sociology 1, 2, plus 15 additional hours in the Division. This list includes the 9 hours which the student must take to meet the General Studies requirements in social science. Selection of courses must be in consultation with and with the general approval of the student's advisor and the Chairperson of the Division of Social Sciences.

International Studies Major

A comprehensive International Studies major is offered by Division III as an alternative to majoring in a single department. Its aim is to provide a broad liberal arts foundation, a greater knowledge of foreign cultures, and an opportunity to concentrate in one or more regional studies.

This major may be preparation for professional graduate training, a position in a multi-national corporation, international social services such as the Peace Corps or church-related mission work, work with international foundations and voluntary agencies, or other such careers.

From an approved list of courses the student selects 27 hours in the departments of Economics, Government and Sociology, which supply background in understanding social systems. A minimum of 18 hours is taken in regionally oriented courses (Asia, Europe, Africa, etc.) in the Art, English, Government, History, Philosophy and Religion departments. A minimum of six hours of foreign language is also required. Additional foreign language study and participation in travel-study programs abroad are encouraged. Wesleyan has sponsored at least one travel-study experience abroad each year in recent years.

Detailed information on course requirements and program options is available from the chairperson of the Department of History.

International Studies majors are encouraged to join the International Student Organization while on campus.

Public Administration Major

The major in Public Administration seeks to prepare students to be effective financial and program managers within public oganizations which may include governmental and quasi-governmental groups and not-for-profit organizations in the areas of education, health care, social service, philanthropy, the arts, etc. It is also designed to prepare students for further study in public administration, law, or business as they seek to advance their careers. The major is organized around the following key knowledge and skill areas: political and social processes in society; administration of business-type organizations; quantitative skills dealing with financial management, computer science, and systems analysis; ethical sensitivity to issues of the public good; and skills in the motivation and management of persons.

Required Courses (58 hours minimum including Internship)

Gov. 1	American Federalism
Gov. 2	State and Local Government
Gov. 10	Public Administration
Eco. 10, 11	Principles of Economics I, II
Eco. 30	Public Finance
Soc. 13	Urban Sociology
Soc. 16	Social Organization
MCS 1	Computer Literacy
MCS 3	Introduction to BASIC or MCS 4, COBOL
Bus. 1, 3, 5	Quantitative Analysis, I, II, III
Bus. 21, 22	Principles of Accounting, I, II
Bus. 60	Principles of Management
Bus. 65	Labor-Management Relations
Gov. 42	Public Administration Seminar
	Internship (4-6 credit hours)

The student shall give evidence of having completed 40-45 hours of other required courses before undertaking an internship, which shall be completed concurrently with the Public Administration Seminar during the senior year. Ethics or Social Philosophy must be used to meet the General Studies requirement in Philosophy. A minor may be declared in Government, Sociology, Business, Psychology, Economics, etc., depending on the student's career objectives.

Rehabilitation Major

The Rehabilitation Major is designed as a preparatory curriculum for persons who anticipate careers in physical therapy, occupational therapy, recreational therapy, vocational rehabilitation, and related fields. It is a pre-professional program in the sense that it provides students with the basic required studies in science (especially biology), psychology, health, and physical education for the purpose of securing entrance to certificate and graduate programs in the field of their choice or actually entering employment in a field of therapy at the level of a technical assistant or aide.

Each state possesses licensing laws controlling professional competence in some fields of therapy, especially physical and occupational therapy. Interested students are encouraged to contact their state's licensing board for further information on these regulations to guide their preparation. Students interested in the field of Special Education are invited to contact Wesleyan's Department of Education for details regarding procedures for teacher certification.

The rehabilitation of people to personally satisfying and productive roles in society offers challenging careers to persons who are interested in enhancing human potential. The rehabilitation major at Wesleyan provides a strong preparatory curriculum and encouragement for the student to be involved in actual rehabilitation settings with persons who have special needs. This may be done on a voluntary service basis during the school year and in special educational/work settings during summer breaks. All students are required to complete an internship during the senior year in a rehabilitation setting best suited to further their career objectives. Placements for Wesleyan students have included rehabilitation hospitals and centers, mental health agencies, nursing homes, child development centers, vocational rehabilitation offices, adult fitness and exercise programs, and camps for children with special handicaps.

Required Courses (51 hours minimum including Internship)

Bio. 1, 2	Principles, Structure and Function for students planning additional study in biology *or* Bio. 7, 8 Environmental Science and Human Life Science
HPE 10, 11	Anatomy and Physiology *or* — for persons entering medical careers such as physical therapy or occupational therapy — Bio. 9, 10 Human Anatomy and Physiology (prerequisite, Chem. 1 or 5)

HPE 12	Exercise Physiology
HPE 14	Kinesiology
HPE 24	Adapted Physical Education
Soc. 2	Principles of Sociology
Edu. 23	Areas of Exceptionality in Special Education
Psy. 1	General Psychology
Psy. 3	Child and Adolescent Psychology or Psy. 24-25 Developmental Psychology I-II
Psy. 9	Psychological Tests and Measurements
Psy. 10	Physiological Psychology
Psy. 20	Theories of Counseling
	Internship (10 credit hours minimum)

Before undertaking the internship in the senior year the student must give ample evidence of academic preparation in order to understand and gain from such an experience. Performance will be evaluated carefully to ascertain intellectual growth and skill development.

Electives (12 hours minimum)

Students choose from among the following electives upon the advice of the advisor and in conjunction with career objectives.

Soc. 3	Social Welfare and Social Work
Soc. 36	Sociology of Health
Gov. 12	Politics of Social Policy
Psy. 8	Abnormal Psychology
Psy. 15	Behavior Modification
Psy. 21	Statistics and Methodology in Behavioral Sciences
Spe. 15	Speech and Language: Development and Correction
Edu. 11	Teaching of Reading
HEc. 36	Clothing, Equipment and Housing for the Disabled and Elderly
HEc. 41	Fundamentals of Human Nutrition
HPE 6	Sport Injury Control and Management

Special Note: Students preparing for careers in Physical Therapy should plan to enroll in introductory courses in chemistry, physics, and statistics.

Because this major is interdepartmental, it need not be accompanied by a minor.

Youth Services Major

The Youth Services Major is designed to prepare the student to work with adolescents and older youth, particularly those who have special needs. Academic preparation is largely through the Departments of Sociology, Psychology, and Government. The program includes work in liberal arts subjects as well as an urban semester in Columbus, Ohio, in the junior year and an off-campus internship in the senior year. Students are prepared to work with problem youth through agencies such as welfare services, juvenile courts, reform schools, detention homes, group homes, YMCA/YWCA, Scouts, and offices of probation and parole.

The program has been developed in consultation with the Menninger Foundation of Topeka, Kansas, and the Merrill-Palmer Institute of Human Development and Family Life, Detroit, Michigan.

1. On-campus study (29-30 credit hours).

   A. Required Courses:

Soc. 2	Principles of Sociology
Soc. 21	Juvenile Delinquency
Soc. 38	Youth Services Seminar
Psy. 3	Child and Adolescent Psychology or Psy. 25 Developmental Psychology II
Psy. 20	Theories of Counseling
Gov. 1	American Federalism or Gov. 2 State and Local Government

   All six courses must be completed with at least a "C" average before participation in the Urban Semester — i.e., for most students by the end of the fall semester of their Junior year.

   B. Twelve elective credit hours to be chosen in consultation with advisor with specific vocational goals in mind.

Soc. 11	Appalachian Studies
Soc. 24	Racial and Ethnic Minorities
Soc. 25	Marriage and The Family
Soc. 3	Social Welfare and Social Work
Bus. 21	Principles of Accounting I
Gov. 16	Criminal Justice, System and Process
Psy. 6	Social Psychology
Psy. 8	Abnormal Psychology
Psy. 13	Human Relations Training
Psy. 15	Behavior Modification
Psy. 90	Psychopathology of Children
Edu. 11	Teaching of Reading
HEc. 21	Child Care and Development
HEc. 45	Meal Management

2. Urban Semester in Columbus, Ohio, during the Junior year spring term (15 credits):
   - Soc. 71 Urban Field Studies
   - Soc. 72 Social Services in an Urban Environment
   - Soc. 73 Urban Practicum Seminar
   - Soc. 90 Urban Research
   - Div. 21 Appreciating the Arts
3. Internship. During one semester of the senior year the student will work "in the field" at an agency agreed upon by the student and the advisor. An approved field placement must be located by the student, but the advisor will assist in the placement. The placement must be under the supervision of a responsible professional person in the field who is willing to supervise the student. Criteria for such a program are to be worked out in accordance with the guidelines developed by the Office of Contract Learning. The student may fulfill this requirement in a summer placement (12-15 hours credit).

NOTE: A student may choose to complete a traditional major in Sociology, Psychology, or Government, or to complete one of the other human services majors, in addition to the Youth Services major. Such a plan must be carefully worked out with advisors.

Since a maximum of 45 hours in any one department may be counted toward graduation, there are special difficulties for students who attempt both Social Work and Youth Services majors. To complete two majors students may need to take more than 128 hours for graduation. Students who "double major" may need to schedule the Columbus Semester in the spring of their sophomore year with permission of the program director.

Because this major is interdepartmental, it need not be accompanied by a minor.

Division IV
Applied Arts and Sciences

Chairperson, *Walls*

Business: *Gum, Clemens, D. Oldaker, Ruhlow*
Education: *McArdle, Burgess, Byrer, P. Coston, Hudson, Wilmoth*
Health and Physical Education: *Smith, Braine, Cable, Carpenter, Ellis, Fruh, Haas, Klebez, Walcavich*
Human Ecology: *Halverson, Miller, Walls*
Library Science: *Crutchfield, Cresswell, Martin*

30. Career Planning. **1 hr.**
A course designed to assist undecided and other majors to attain greater knowledge of their own interests, skills and career options. (Pass/Fail basis)

31. Job Search for Seniors. **1 hr.**
A course designed to prepare seniors to "market" themselves, including various approaches to job hunting, refinement of a resume, letter-writing skills and interviewing skills.

Learning Center Courses

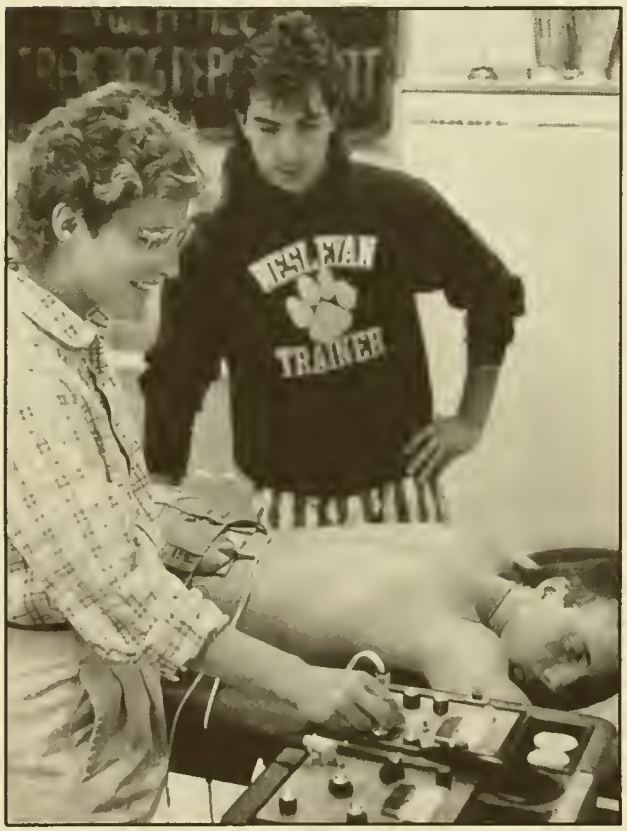
Students receiving credit for 5 may not enroll in 6, and vice versa. A maximum of five Learning Center credits may count toward graduation.

5. Reading and Study Development. **2 hrs.**
A course designed to teach students skills and strategies to become independent learners. Using classroom and lab settings, the course deals with areas such as understanding and learning from textbooks and lectures; effective techniques of preparing for exams; time management; the roles of motivation, interest and learning styles; and improving comprehension, vocabulary, reading rate, visual thinking and memory.

6. Techniques of Study. **1 hr.**
An introductory six-week course designed to help students develop study skills and a systematic approach to learning, with emphasis on application in current courses.

7. Techniques of Reading. **1 hr.**
A six-week course to develop strategies which enhance understanding and remembering written material with an emphasis on practice to develop an effective and flexible reading rate.

8. Reading and Study Development Laboratory Practicum. **1-2 hrs.**
An individualized program or small group experience. Students can work independently to build skills in studying, reading, writing, math or to prepare for graduate school exams. Group sessions deal with language development (for international students), personal computers, test taking, time management, visual thinking, writing techniques. *Prerequisite:* 5, 6 or 7 or permission from a Learning Center staff member for individualized programs; none for group sessions.



Departmental Offerings

Art

Tinelli, W. Oldaker

The art program is designed to develop a knowledge of basic aesthetic elements and provide the opportunity to develop creative potential. Emphasis is placed on the training and development of the student's individual talents in such areas as painting, drawing, ceramics, printmaking, sculpture, and other media. A studio atmosphere encourages participation and discussion among students and teachers. The program of study gives students a wide range of ideas and insights that will enable them to fit their interests into a context relevant to the world around them.

The curriculum is designed to fulfill the needs of the liberal arts student with an incidental interest in art as well as the visual arts major who is interested in a professional career in art.

A student preparing to teach art supplements studio training with education courses, including special methods and practice teaching.

Students interested in pursuing a professional career in art are encouraged to seek out off-campus internships or apprenticeships to supplement their formal course work.

The exhibitions and programs with visiting artists in the Sleeth Art Gallery are major learning and teaching resources for the students and faculty in the Art Department. In addition to the active schedule of exhibits brought in from off campus, time is reserved each year for an exhibition of work drawn from all of the art classes, and all seniors are required to present a show of their work under the supervision of the faculty.

All students intending to major in art will present a portfolio for review by the faculty, for advising purposes, after completion of nine hours of work in the department. Entering freshmen are not required to submit a portfolio, but it is recommended that they do so. Those wishing to be considered for a Fine Arts Grant should contact the Department Chairperson early in the junior or senior year of high school; they will be expected to submit a slide portfolio of at least ten examples of their work.

Requirement for Major in Studio Art:

39 semester hours, including 2, 3, 5, 6, 23, 24, 48, 49, plus eighteen hours of art electives, including both two- and three-dimensional course work, with a twelve-hour concentration in one medium and 6 hours in a second medium.

Students interested in pursuing graduate study in non-studio areas such as art history, art therapy, arts administration, or computer graphics should meet with the department chairperson as early as possible to construct an appropriate undergraduate program. Such students interested in art history should elect French or German.

Requirement for Major in Art Education:

42 semester hours in Art, including 2, 4, 5, 6, 7, 8, 9, 10, 23, 24, 31 and seven hours of electives from 1, 3, 12, 15, 18, 19, 21, 40; plus Professional Education courses required for Teacher Education Program (see Department of Education).

Requirement for Minor:

24 semester hours, including Drawing 2, 3; Design 5, 6; Survey of Art 23, 24; and Painting 8, 9, or six hours of work in one other studio area.

1. Art Appreciation. **3 hrs.**
An introductory course designed to aid students in their own appreciation of art, by providing a basis for aesthetic judgment. Great works of art, illustrative of historical styles of architecture, sculpture, and painting, are studied with attention to line, form, space, and color. Illustrated by slides, reproductions, and when possible, original works of art.

2, 3. Basic Drawing I, II. **Each 3 hrs.**
Introduction to fundamentals of drawing. Analysis and rendering of line, form, value, texture, and color through use of various media. Principles of balance, proportion, rhythm, and unity. Students who have not completed Drawing 2 must have permission of the instructor before entering Drawing 3, which is a continuation.

4. Beginning Ceramics. **3 hrs.**
An introduction to high and low fire ceramic media. Ceramics as a traditional craft form, relating to the creation of functional objects, and as a contemporary art form dealing with hand-built forms. Fundamental techniques of decorating, glazing, and firing.

5, 6. Design Fundamentals I, II. **Each 3 hrs.**
Introduction to a study of the elements of design, applicable to all problems of visual expression. Comprehensive consideration of the principles of color and composition. Experimentation and practice in the problems related to both two- and three-dimensional design. Students who have not completed the first half must have permission of the instructor before entering Design 6, which is a continuation. *Offered in alternate years.*

7. Elementary Art and Aesthetics. **4 hrs.**
Introduction to general art processes and techniques that encourage the creative process. Experimentation with basic art media and materials using inexpensive and collected resources. Elementary criticism of works from the history of art relating to human qualities of expression. Learning to look, feel and talk about art. Designed for early childhood teachers, special art teachers, students in social services and helping professions that utilize activities for therapy and creative-independent development of clients. *Not open to freshmen.*

8, 9. Painting I, II. **Each 3 hrs.**
Introduction to painting. Comprehensive consideration of the principles of design and color and their application to pictorial composition. Experimentation in various media. Painting 9 is a continuation of 8; students who have not completed 8 must have permission of the instructor.

10. Sculpture. **3 hrs.**
Introduction to the principles of achieving expressive form in the round and in the relief. Relationships of line, value, texture, and color to the sculptural form. Media include clay, plaster, plastiline, wood, metal, and various other materials. May be repeated for credit. *Offered in alternate years.*

12. Advanced Ceramics. **3 hrs.**
Continuation of Ceramics 4. Consideration of complex hand-built forms and techniques of wheel-forming. Study of basic glaze chemistry and body formulation, advanced decorating techniques, and various firing methods. Emphasis on experimental techniques and individual creative expression. *Prerequisite:* Art 4. *May be repeated for credit.*

13. Advanced Drawing. **3 hrs.**
The drawing considered as an art form with experiments in the emotional quality of drawing. Emphasis on quality and the development of a personal creative expression. *Prerequisites:* Art 2, 3 or the equivalent. *May be repeated for credit.*

15. Art in America. **2 hrs.**
A survey course in Fine Arts restricted in scope to a view of the principal American artists and their contributions to our western cultural heritage. Emphasis upon the major fields of architecture and painting from American Colonial Art to the Art of Contemporary America. Primarily a lecture course with visual aids. *Offered in alternate years.*

18. Modern European Art. **2 hrs.**
Appreciation of modern European art through a concise account of the movements which constitute the extremely complex change that has taken place in the art of painting, sculpture, and architecture during the past half-century. Primarily a lecture course illustrated by slides, reproductions, and when possible, original works of art. *Offered in alternate years.*

19, 20. Painting III, IV: Advanced. Each 3 hrs.
Intensive investigation of composition and technique in painting with emphasis on the development of individual style. Student may work in various media. 20 is a continuation of 19; students who have not completed 19 must have permission of the instructor. *Prerequisites:* Art 2, 3, 8, 9, or the equivalent. *Either may be repeated for credit.*

21. Printmaking. 3 hrs.
Emphasis is placed on the fundamentals of serigraph and related graphic processes. Areas studied will include photographic, cut film, and various stencil techniques. Intaglio processes (soft and hard ground etching, drypoint, aquatint, engraving, etc.) may be utilized in some semesters. *Prerequisites:* Art 2, 3, 5, 6. May be repeated for credit.

23. Survey of Art I: Ancient and Medieval. 3 hrs.
Historical study of architecture, sculpture, painting, and the minor arts of the western world. Art is presented as an objectification and record of man's major beliefs and ideas. *Offered in alternate years.*

24. Survey of Art II: Renaissance and Modern. 3 hrs.
Continuation of 23. *Offered in alternate years.*

27. Creative Art Workshop. 3 hrs.
An introduction to the fundamentals of the studio art. Experimentation in various media including charcoal, pen, pencil, pastel, acrylic, collage and mixed media. Open to non-art majors only. May not be counted toward art major or minor requirements.

31. Methods of Teaching Art (Grades 5-12). 4 hrs.
Field study and observation in the public schools. Factors determining a secondary program, such as geographical area, facilities, attitudes, scheduling. Curriculum study; sequential planning through the total school program K-12. Sensitivity and skill development in description, analysis and evaluation of art forms. *Prerequisites:* Art 7 and senior standing (prior to student teaching).

40, 41. Independent Study. Each 1-3 hrs.
An in-depth exploration of one studio area or research in one technical or historical area of study. *Prerequisites:* Art major or minor, upper-class standing, plus departmental approval and permission of the instructor.

48. Studio Seminar. 2 hrs.
A study of historical, critical, and technical issues relevant to the student's major field of interest, including an examination of different approaches to art and the articulation of a personal point of view about art and artistic activity. Open only to seniors in the department. *Offered in spring semester.*

49. Exhibition and Portfolio. 1 hr.
Preparation of a professional quality portfolio of examples of the student's work; preparation and presentation of an exhibition of work in the gallery. Must be completed during the senior year. *Offered in spring semester.*

Biology

Gregg, Colson, Glencoe, McCormick

The objectives of this department are: (1) to make available to students the cultural and practical values of biology, (2) to provide preprofessional training for students who plan to pursue graduate study in botany, dentistry, forestry, medicine, veterinary medicine, etc., (3) to provide adequate training for students who expect to become teachers of biology, and (4) to provide a solid foundation for careers in diverse fields such as laboratory technology, environmental science, horticulture, industry, and pharmaceutical sales.

Requirement for Major:

29 semester hours, including 1, 2, 3, 4, and 41 or 42. In addition at least one course must be taken from each of the following three areas:
Molecular Biology, Physiology: 11, 13.
Structural and Developmental Biology: 21, 23, 24, 25 in combination with 26.
Field Studies: 32, 33, 34, 36.

Majors must take Chemistry 1 and 2 in their freshman or sophomore year. Chemistry 21, 22 are recommended.

Majors are required to take one of the following mathematics options: 3, 8-9, 10, 20.

Requirement for Minor:

14 semester hours of courses applicable toward the major, including Biology 1.

Where a prerequisite is required for a course, a failing grade in the prerequisite course will not satisfy the requirement.

For **General Studies** the following combinations of courses meet the sequence requirement: 1-2, 5-6, 5-8, 6-7, 6-8, 7-8, 6-34, or 1 with 5, 6, 7, or 8.

1. Principles of Biology. 4 hrs.
A survey of the principles of biology at the molecular and cellular levels, including energetics, reproduction, and genetics, and also including principles of evolution and ecology. A prerequisite course for all biology courses except 5-8. Laboratory included.

2. Structure and Function of Organisms. 4 hrs.
Introduction to the physiology of higher plants and animals. Emphasis on how organisms have met environmental problems through physiological, behavioral, anatomical, and morphological adaptations. Lecture and laboratory. *Prerequisite:* Biology 1.

3. Genetics. **4 hrs.**
A study of the principles of inheritance and the nature of the genetic material. Emphasis upon contemporary developments. Training in laboratory procedures, statistical treatment of data, and logical interpretation of scientific research. *Prerequisites:* Biology 1, 2, Chemistry 1.

4. Survey of Organisms. **4 hrs.**
A general taxonomic and phylogenetic study of monerans, plants, and animals with emphasis on evolutionary relationships, life cycles, and basic morphological characteristics. Major ecological and economic importances. *Prerequisites:* Biology 1, 2. Should be taken in the sophomore year.

5. Energy and Life Science. **3 hrs.**
An elementary study of energy flow through living systems: energy capture (photosynthesis), release (respiration), and transfer through the consumer levels of various ecosystems. Extraction and utilization of fossil fuels and the effects of use on the environment. Lecture and laboratory. Designed for non-biology majors and minors.

6. Plant Science. **3 hrs.**
An introduction to the study of plants for the non-major. The significance of plants to human life and interrelationships between plants and people: food, spices, medicines, narcotics, hallucinogens, poisons, shelter, clothing, landscaping, and house plants. Plant variety, structure and function will be included to aid the use and enjoyment of plants in the home and garden. Lecture, field trips and laboratory.

7. Environmental Science. **3 hrs.**
A biology course for non-majors; may be used for a minor with permission. A study of man and his relationship to the natural world. Basic principles of biology with major emphasis on human interaction with the environment. Population studies, natural resources, food, energy, pollution, environmental ethics, etc. Laboratory included.

8. Human Life Science. **3 hrs.**
Major topics include human evolution and genetics, normal and abnormal functioning of the human body, and recent advances in medical and biological science. Discussion of controversial topics of moral and ethical concern. Laboratory included. For non-biology majors and minors.

9. Human Anatomy and Physiology I. **4 hrs.**
A study of the structure and function of the human body with emphasis on cells, tissues, skin and the coordination and control of body movements; skeletal, muscular and nervous systems are covered. Laboratory and lectures. *Prerequisites:* Biology 1, and Chemistry 1 or 5.

10. Human Anatomy and Physiology II. **4 hrs.**
A continuation of Biology 9; emphasis is placed upon the interactions of endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive systems and the maintenance of metabolism and fluid and electrolyte balance of the human body. Laboratory and lectures. *Prerequisites:* Biology 9, and Chemistry 1 or 5.

11. Cell Biology. **3 hrs.**
A study of relationship between structure and function at the cellular level. Topics covered include biologically important molecules, enzymes, membranes, genetic material, protein synthesis, cellular metabolism, photosynthesis, nerve impulses, and muscle contraction.
Prerequisites: Biology 1 and Chemistry 1, 2, 21.

12. Cell Biology Laboratory. **1 hr.**
Laboratory exercises which emphasize the techniques and theories of isolating and characterizing biologically important compounds. Techniques include spectrophotometry, chromatography, electrophoresis, high speed centrifugation, and respirometry. *Corequisite:* Biology 11 or Chemistry 41.

13. Microbiology. **4 hrs.**
A study of microorganisms such as bacteria, lower fungi, and viruses and their ecology, relationships to health, preparation and preservation of foods, use of water, agriculture, and industry. Training in laboratory techniques. A foundation course for students preparing for careers in medicine, medical technology, home economics, and teaching. *Prerequisite:* Biology 1.

21. Comparative Anatomy. **4 hrs.**
Relationships between the different groups of vertebrates are considered by detailed reference to organs, systems, and total structure. Laboratory involves dissection of several animals selected as types. *Prerequisites:* Biology, 1, 2.

23. Histology. **4 hrs.**
A study of animal tissues including a survey of techniques and laboratory practice in selected procedures. *Prerequisites:* Biology 1, 2.

24. Plant Anatomy. **4 hrs.**
A developmental approach to a study of the anatomy of vascular plants including some basics of plant embryogenesis and morphogenesis. *Prerequisites:* Biology 1, 2.

25. Developmental Biology. **2 hrs.**
The study of the biological mechanisms which regulate the phases of an organism's life cycle: gametogenesis, fertilization, embryogenesis, maturation and senescence. Lectures and assigned readings. *Prerequisites:* Biology 1 and 2, Chemistry 1 and 2. It is recommended that Biology 26 be taken concurrently.

26. Embryology Laboratory. **2 hrs.**
A visual study of vertebrate gametogenesis, fertilization, cleavage and development. Microscopic serial sections of frog, chick and pig embryos are used to comprehend changes in three dimensional developmental morphology. *Prerequisites:* Biology 1 and 2, Chemistry 1 and 2. It is recommended that Biology 25 be taken concurrently.

32. Ecology. **4 hrs.**
A study of the relationships of plants and animals to their environment. The concepts of energy flow, ecosystems, communities, and population ecology (including man) will be discussed. Assigned readings and discussion of original source materials. Lectures, laboratories and field trips. *Prerequisites:* Biology 1, 2 and Chemistry 1.

33. Field Biology. **3 hrs.**
Biological concepts which can be treated effectively only by intensive field study. As topics change from year to year, this course may be taken more than once with the approval of the professor and the head of the Biology Department. *Prerequisite:* Permission of the instructor.

34. Field Botany. **4 hrs.**
An introduction to identification and classification of higher plants, with emphasis on local flora and flowering plant families of West Virginia. Field trips. *Prerequisites:* Biology 1, 2 (or Biology 6, with permission).

36. Vertebrate Zoology. **4 hrs.**
A study of the evolution, adaptations, and natural history of the vertebrates. Lectures, laboratories and field trips. *Prerequisites:* Biology 1, 2.

41, 42. Seminar. **Each 1 hr.**
Biological subjects read and discussed. Papers presented by members of the class on biological topics of interest. Current biological literature is especially considered. Not open to freshmen or sophomores.

51, 52. Individual Studies in Biology. **Each 1-2 hrs.**
Directed readings and/or projects in specialized areas of the field. Designed to give students an opportunity to pursue particular areas of interest. Open to selected junior and senior students by approval of the professor concerned and head of Biology Department.

53. Immunology. **2 hrs.**
Lectures and assigned readings on topics including antigen, antibody, complement, immune systems, recognition of self, allergic responses. *Prerequisites:* Biology 1, 13; Chemistry 1-2 or 5-6.

Business

Gum, Clemens, D. Oldaker, Ruhlow

Education for a career in the business world must provide students with the intellectual competence to become successful, responsible, and creative business leaders. To this end the faculty seeks to develop in students both a thorough understanding of the diverse operational problems involved in a business world of changing dimensions and insights into their solutions.

In an attempt to master the more specialized aspects of business, students are encouraged to explore social and cultural values. The exacting demands which face executives require that they possess more than a high degree of professional competence. They must have a broad grasp of general business fundamentals and a full awareness of the economic, social, and human forces which form the context within which their business careers will be pursued. The curriculum presumes that an effective career in business leadership must be based upon the broad cultural foundation which a liberal arts education provides.

The courses offered meet the needs of those intending to enter one of the fields of business or pursue graduate study. Wesleyan offers a Master of Business Administration program which is described on page 115.

Requirement for Major:

Five areas of concentration are possible for majors in this department: Accounting, General Business, Management, Marketing, and Management Information Systems. Psychology 5 (Business and Industrial Psychology) may be credited toward a Business major or minor.

Students are cautioned that taking electives in Business beyond those allowed in each concentration will necessitate earning more than 128 hours to graduate.

1. A concentration in **Accounting** consists of 54 hours, including Business 1, 3, 5, 13, 14, 21, 22, 23, 24, 25, 26, 27, 29, 32, 60, 70; Economics 40; plus 3 hours of electives in Business.
2. A concentration in **General Business** consists of 39 hours including Business 1, 3, 13, 14, 21, 22, 60, 70; plus 3 hours of upper-level Accounting; Economics 40; plus 9 hours of electives in Business chosen with permission of the department.
3. A concentration in **Management** consists of 48 hours, including Business 1, 3, 5, 13, 14, 21, 22, 60, 61, 62, 65, 67, 70; plus 6 hours of electives in Business; Economics 40.
4. A concentration in **Marketing** consists of 48 hours, including Business 1, 3, 13, 14, 21, 22, 60, 61, 70, 72, 73, 77, 78; plus 6 hours of electives in Business; Economics 40.
5. A concentration in **Management Information Systems** consists of Business 3, 5, 21, 22, 60, 70, 61 (or 25 and 26), 67; MCS 50, 62, 75, 76; and 6 hours from the following or other upper level courses in consultation with one's departmental advisor: Business 12, 13, 14, 62, and MCS 60 and 65. A minor other than Business or Computer Science is required unless the student completes all courses required for the General Business concentration, in which case no minor is required.

Requirement for Minor:
15 semester hours, including Business 21 and 22.

1. Quantitative Analysis I. **3 hrs.**
An introduction to business calculations including such topics as interest, discount, depreciation, ratios, and basic statistics such as averages and measures of central tendency. *Prerequisite:* High School Algebra or equivalent.

3. Quantitative Analysis II. **3 hrs.**
A study of analysis of business and economic data including statistical inference, regression, correlation, time series, and index numbers. Additional information is presented on basic probability theory and probability distributions and their relation to quantitative decision making. *Prerequisite:* Business 1. *Not open to freshmen.*

5. Quantitative Analysis III. **3 hrs.**
A study of the applications of various mathematical techniques to the solution of modern business problems. Topics include: decision tables, linear programming, inventory models, PERT, and game theory. *Prerequisite:* Business 3.

9. Retail Management. **3 hrs.**
An in-depth look at the structures and functions of retailing. The focus is on how the retail manager plans, organizes, directs, and controls his operation. *Prerequisite:* Business 70.

12. Business Communications. **3 hrs.**
Focuses on principles and techniques involved in organizing ideas, writing effective business letters, and presenting reports, both oral and typewritten. *Prerequisite:* Junior or senior standing.

13. Business Law I. **3 hrs.**
A general survey of law, emphasizing commercial law but covering also other legal subjects like divorce, torts and criminal law. *Prerequisite:* Junior or senior standing.

14. Business Law II. **3 hrs.**
Continuation of Business Law I with emphasis on commercial contracts and the Uniform Commercial code. *Prerequisite:* Business 13.

21. Principles of Accounting I. **3 hrs.**
Introduction to the fundamental principles involving business transactions necessary for financial reporting.

22. Principles of Accounting II. **3 hrs.**
Continuation of Principles of Accounting I with additional material on internal reports, taxes, and financial statement analysis. *Prerequisite:* Business 21.

23. Intermediate Accounting I. **3 hrs.**
A study of the accounting statements and the limitations involved in their preparation. Emphasis is on accounting theory and concepts and on analysis of the problems that arise in applying these concepts to financial accounting. Alternate views to the generally accepted position are explored and evaluated. *Prerequisite:* Business 22.

24. Intermediate Accounting II. **3 hrs.**
Continued emphasis on accounting concepts; on conflicts and limitations that exist within the traditional structure of accounting theory. Attention is focused on the use of accounting information as a basis for decision-making of management, stockholders, creditors, and other users of financial statements and accounting reports. *Prerequisite:* Business 23.

25. Cost Accounting I. **3 hrs.**
Emphasis is placed on the cost data accumulation methods used in a job order and in a process cost system. *Prerequisite:* Business 22.

26. Cost Accounting II. **3 hrs.**
Emphasis is placed on controlling costs through budgeting and standard cost systems. Detailed attention is given to cost analysis and to profit planning as they relate to decision-making. *Prerequisite:* Business 25.

27. Auditing. **3 hrs.**
Work of accountant in investigating, interpreting, and appraising accounting and related records. *Prerequisite:* Business 25.

29. Income Tax Accounting. **3 hrs.**
A study of income tax law as it applies to the individual, partnership, and corporation. Emphasis is on the preparation of individual returns and the understanding of how to research the answer to a tax question using standard tax research aids. *Prerequisite:* Business 22.

32. Advanced Accounting. **3 hrs.**
A study of partnerships, special sales procedures, consolidations, fiduciaries, and fund accounting. Emphasis is on the consolidation of corporate holdings given various complex situations. *Prerequisite:* Business 24.

60. Principles of Management. **3 hrs.**
The fundamentals of management underlying the organization and operation of business firms; governmental regulation of business practices. *Not open to freshmen.*

61. Managerial Accounting. **3 hrs.**
A survey of accounting methods from the viewpoint of management; income measurement; analysis of and interpretation of accounting data; internal reports. Emphasis on how accounting information can be used as a guide in making decisions. *Prerequisite:* Business 22.

62. Personnel Management. **3 hrs.**
Personnel problems of operating management. Policy decisions and practices involving selection, recruitment, training, job analysis and evaluation, work load, motivation, remuneration, morale, discipline, personnel appraisals, management development, and other areas. *Prerequisite:* Business 60.

65. Labor-Management Relations. 3 hrs.
Provides the student with an understanding of the importance of organized labor in today's economy. Labor legislation, organization, history, collective bargaining, and the future of the labor management movement are some of the topics emphasized. *Prerequisite:* Business 60.

67. Corporation Finance. 3 hrs.
A study of the corporate organization and the methods and instruments used to support the firm financially. Emphasis on the value of the firm and how financial decisions affect that value. Additional topics include working capital management, leverage, risk, cost of capital, and dividend policy. *Prerequisite:* Business 61 or 25, 26.

70. Principles of Marketing. 3 hrs.
Explores the role and importance of marketing in the business firm and the American economy. Emphasis is placed on the nature of marketing, target market determination, marketing opportunities, product and price decisions, distribution decisions, promotion, influences of the marketing environment, and international marketing. *Prerequisite:* Sophomore standing.

72. Salesmanship. 3 hrs.
Introduction to selling viewed from principles and practices, management, policy formulation, the selling process, selecting personnel and training. *Prerequisite:* Business 70.

73. Advertising. 3 hrs.
The place of advertising in business; introduction to the chief forms of advertising; principles of analysis; layout, copy writing, and criticism; preparation of advertisements for various media; methods of measuring effectiveness of advertising. *Prerequisite:* Business 70.

77. Advanced Marketing Management. 3 hrs.
Case studies, simulation techniques, and field studies as three methods for learning to identify business problems of a market nature and develop strategic marketing plans to solve them. The market areas of pricing, promotion, distribution, and product line explored. *Prerequisite:* Business 70.

78. Issues of Marketing. 3 hrs.
Provides students with an in-depth analysis of current situations affecting marketing managers. Such topics as social responsibility, marketing non-profit institutions, evaluating advertising effectiveness, marketing research, developing marketing information systems, and consumerism are studied. Specific attention is given to developing the written and verbal communication skills of the students. *Prerequisite:* Business 77.

89. Seminar in Business. 1-3 hrs.
Applying the knowledge acquired in Business courses in analyzing and solving specific problems. *Prerequisite:* Senior standing and a minimum of 18 hours of Business courses.

Chemistry

Capstack, Hamner, Richter

The Chemistry Department provides a background of chemical science to meet the needs of a variety of students pursuing a variety of careers. The introductory and general courses are General Studies courses in science suitable for any student; these and other courses are utilized to provide the chemistry needed for degree programs dependent on chemistry. Two degree programs are offered in chemistry. The department prepares students to enter professional schools in such areas as medicine and dentistry; it prepares chemists to enter the chemical profession directly or to attend graduate school; and it trains chemistry teachers. Three years of high school mathematics and high school chemistry are recommended prerequisites for elementary courses.

Requirement for a Bachelor of Science Major:
40 semester hours of chemistry including 1, 2, 21, 22, 25, 26, 45, 46, 50, 63; two credit hours of laboratory at the senior level; Math 20, 21; and Physics 11, 12.

Requirement for a Bachelor of Arts Major:
24 semester hours including 1, 2, 21, 22, 25, 63.

Requirement for Minor:
15 semester hours including 1, 2.

1, 2. Introductory Chemistry I, II. Each 4 hrs.
An introduction to the language and general principles of chemistry designed to form a sound foundation for the student interested in the natural sciences and/or pursuing additional courses in chemistry. Consists of lectures and laboratory.

5, 6. General Chemistry I, II. Each 4 hrs.
A terminal course for general education or for students with majors in nursing and in fields other than the natural sciences. The first semester includes scientific measurement, matter and energy, atomic and molecular structure, atomic properties and the periodic table, properties of gases, solutions, stoichiometry, acids and bases, equilibria, metals and nonmetals, radioactivity and nuclear chemistry. The second semester includes fundamental organic chemistry and biochemistry. Consists of lectures and laboratory.

21, 22. Organic Chemistry I, II. Each 4 hrs.
Theory and practice of organic chemistry, including qualitative organic analysis. *Prerequisites:* Chemistry 1, 2.

25. Quantitative Analytical Chemistry. 4 hrs.
Principles and techniques of analytical chemistry with emphasis on calculations for systems in equilibrium; gravimetric and volumetric analyses. Includes elementary spectroscopy. *Prerequisite:* Chemistry 2.

26. Spectroscopic Methods of Analysis. 4 hrs.
Principles and techniques of the basic spectroscopic methods, including atomic absorption, infrared, ultraviolet, nuclear magnetic resonance and mass spectroscopy. *Prerequisite:* Chemistry 2.

41. Biochemistry. 3 hrs.
A study of the properties and reactions of compounds of importance in living organisms including amino acids, proteins, carbohydrates, lipids and nucleic acids. Enzymes, coenzymes, vitamins and hormones are discussed. The pathways of anabolism and catabolism are studied with special reference to the production and utilization of energy in the cell and the control and coordination of cellular processes. *Prerequisites:* Chemistry 21, 22.

45, 46. Physical Chemistry I, II. Each 3 hrs.
An introduction to the physical laws of chemistry and their application to chemical systems. Topics include the laws of thermodynamics, kinetics and electrochemistry. *Prerequisites:* Chemistry 2; Math 21; Physics 12.

50. Specialized Analysis. 2 hrs.
A study of the principles and techniques for the less common methods of chemical and instrumental analysis. *Prerequisites:* Chemistry 22, 25.

53, 54. Advanced Chemistry I, II. Each 2 hrs.
Concepts and theories of chemical structure and their relationships to chemical and physical properties. *Prerequisites:* Chemistry 22, 25.

55, 56. Advanced Chemistry Lab I, II. Each 1 hr.
Laboratory application of the theories discussed in advanced chemistry courses. *Prerequisites:* Chemistry 22, 25.

61. Special Topics in Chemistry. 1-2 hrs.
The study of selected areas of chemistry pursued by the student independently or in groups with the guidance of a faculty member. Open to highly qualified junior and senior chemistry majors who obtain formal departmental approval.

62. Research. Variable credit
Reading and laboratory work on an original problem and report thereon. Open to selected seniors who have completed creditably at least three years of Chemistry.

63. Seminar. 1 hr.
For advanced science students.

Christian Education and Church Leadership

Carr, P. Coston, Wilmoth

A major in Christian Education and Church Leadership is designed to prepare students for graduate study and for full-time Christian vocations in various specialized ministries in or related to the church, including program director, director of Christian education, director of children's, youth, or adult ministries, minister of education, pastor, or church and community worker.

In addition to any standard departmental minor, an Early Education minor is available to Christian Education and Church Leadership students.

Students may elect a minor in Christian Education and Church Leadership with studies in Education, Music, or Sociology, leading to careers that combine these emphases. Students interested in exploring the possibility of church careers or in increasing their understanding for future leadership in the church as lay persons are encouraged to consider electives from the first four courses.

Requirement for Major:
23-24 hours in the department: courses 1, 2, 21, 22, 31; 32 or 33; 41, 42, 43; also Education 4, and Rel. 2, Rel. 10 or 11, and Rel. 12 or 13. Religion 3 is recommended in the freshman or sophomore year.

Requirement for Minor:
15 hours, beginning with courses 1 and 2.

1. Introduction to Church Vocations. 2 hrs.
An introduction to opportunities for Christian ministry and service as an ordained minister, diaconal minister or Christian lay person. The meaning of vocation opportunities, requirements for church-related vocations. Guest speakers share their experience of ministry with the class.

2. Foundations and Curriculum. 3 hrs.
A study of the foundations of the Christian faith in relation to the educational ministry of the church, a survey of curriculum materials, the aims of Christian Education, and teaching/learning methods.

21. Leadership in the Church. 3 hrs.
Leadership processes in the life of the church: the implications of the concept of the church; leadership roles and group processes; goal setting and administrative procedures; structures and programming for ministries.

22. The Bible in Christian Education. 3 hrs.
The significance of the Bible for nurture in the church, in relation to the capacities and needs of all ages. *Prerequisite:* Religion 2.

31. Christian Education Theory. 3 hrs.
The implications of theology and Christian Education theory for the practice of Christian Education. A survey of the Sunday School, Religious Education, Christian Education movements, leading theorists, and issues. *Prerequisite:* C.E. 21 or 22.

32. Youth and Adult Ministries in the Church. 3 hrs.
A study of effective structures, programs, and methods for Christian ministry with youth and adults. Understanding the needs of youth and adults, how they learn and how their faith develops. *Offered in alternate years.*

33. Children's Ministries in the Church. 2 hrs.
A study of effective structures, programs, and methods for Christian ministry and advocacy for children. Understanding the needs of children, how they learn and how their faith develops. *Offered in alternate years.*

41. Senior Field Work I. 3 hrs.
Supervised teaching and leadership experiences in a variety of church programs: church school administration, organization, and teaching; planning and leading teacher training and development workshops. *Prerequisite:* C.E. 31.

42. Senior Field Work II. 3 hrs.
The role of the Christian Educator and multiple staff relationships; the dynamics of ministry in the local church; leadership training and development skills. *Prerequisite:* C.E. 31.

43. Senior Seminar. 1 hr.
Comprehensive review of Christian Education theory, investigation of some current issues, and their implications for the practice of Christian Education. *For majors only.*

51, 52, 53, 54. The Christian Minister. Each 2 hrs.
Introductory studies of basic ministry skills and understandings, for pastors, Christian educators, interested laypersons: pastoral care, worship, preaching, evangelism, administration.

55. Christian Education Seminar. 1-3 hrs.
Investigation of selected problems, current trends, and creative developments in Christian Education.

Economics

Young, Nair

The courses in economics are designed to provide the student with an understanding of economic principles and problems; to give a firm economic background to students interested in business, finance, government, international issues, law, teaching and other related fields; and to meet the more specific needs of economics majors.

Requirement for Major:

24 hours including 10, 11, 20, 21, and 32. Majors are required to take, in addition, one semester of statistics; however this course will not count toward the 24-hour requirement. Students who plan graduate studies in economics are strongly encouraged to take courses in calculus and computer science.

Requirement for Minor:

15 hours in Economics including 10 and 11.

1. Economic Geography. 3 hrs.
An introductory study of the physical, cultural and economic elements of the geographical environment. Emphasis is placed on regional description, geographical distribution of resources and industries, world production of commodities, world trade and transportation.

2. Economics of Environment, Energy and Resources. 3 hrs.
Economic analysis of current problems related to environment, energy and resources. Topics include growth-oriented economy, depletion of non-renewable resources, accelerating technological change, population growth and externalities. Public policy toward preserving and improving the environment while providing adequate supplies of energy and resources is also examined.

10, 11. Principles of Economics. Each 3 hrs.
A general introduction to economics. Particular attention is given to the nature and scope of both macroeconomics and microeconomics, the use of basic tools of economic analysis, the study of simple theoretical models and the examination of major economic problems and policies. (With the consent of the instructor, 11 may be taken before 10.)

20. Macroeconomics. 3 hrs.
A study of modern income and employment theory. Analysis of the determinants of such aggregate economic magnitudes as national income, employment, price level, etc. *Prerequisites:* Economics 10, 11.

21. Microeconomics. **3 hrs.**
A theoretical analysis of the principles of pricing in commodity markets under different market structures such as perfect competition, monopoly, monopolistic competition and oligopoly. Examination of utility, demand, production, cost, and supply functions. *Prerequisites:* Economics 10, 11.

30. Public Finance. **3 hrs.**
Outline of the major fiscal systems. Budgets, sources of revenue, expenditures. Problems of assessment, tax collection, public debt. Modern theories and practice of public finance. *Prerequisites:* Economics 10, 11.

31. Comparative Economic Systems. **3 hrs.**
A comparative study of major systems of economic organization, of both free enterprise and controlled varieties; laissez-faire and mixed capitalism, communism, market socialism, fascism. Emphasis is on theoretical-analytic rather than institutional aspects. *Prerequisites:* Economics 10, 11.

32. History of Economic Thought. **3 hrs.**
A study of the development of economic thought from mercantilism to the present. Contributions of great economists to economic analysis and their bearing on current theory and policy are emphasized. *Prerequisites:* Economics 10, 11.

33. Urban and Regional Economics. **3 hrs.**
Examination of economic organization of urban and regional areas: location theory, land-use patterns, poverty areas, problems of transportation, housing, urban renewal, education, unemployment, and local public finance; urban and regional growth models. *Prerequisites:* Economics 10, 11.

34. Economic History of the United States. **3 hrs.**
The economic transformation of the U.S. from the colonial period to the present. Human resources, social institutions, and technological change are emphasized. The evolution of the business culture and corresponding role of government are examined, and past problems and challenges are related to today's environment.

40. Money and Banking. **3 hrs.**
A study of the money and credit aspects of a money economy, especially of the U.S. economy, of monetary theories and of the problems of monetary policy. *Prerequisites:* Economics 10, 11.

50. Seminar. **3 hrs.**
Intensive study of selected topics and problems. Research papers presented by members of the class. *Prerequisites:* Major or minor in Economics having completed at least 12 hours in the department.

51. Readings in Economics. **3 hrs.**
Directed readings on a topic of interest to the student and acceptable to his instructor. Periodic conferences with the instructor. *Prerequisites:* Major or minor in Economics having completed at least 12 hours in the department.

Education

McArdle, Burgess, Byrer, P. Coston, Hudson, Wilmoth

Courses offered in Education are designed to help students preparing to teach to acquire the professional understanding and skills necessary for success in teaching, and to meet requirements for certification in West Virginia and other states. West Virginia Wesleyan College attempts to equip prospective teachers with a thorough professional education, ample mastery of the subject matter to be taught, a breadth and richness of liberal culture, and an appreciation of the dignity and worth of human personality.

The program enables students to meet requirements for elementary and secondary level certificates in this and other states. The public schools of the area afford opportunities for directed observation and teaching. All students in the field of Education should plan the work of every semester under the direction of the Faculty of Education.

Wesleyan offers a graduate program in Education which is described on page 117.

Requirement for Major:
128 semester hour Teacher Education Program at the chosen level(s) — early childhood, middle childhood, adolescent — including general studies, appropriate teaching specialization(s), professional education sequence prescribed for the chosen level, and electives. (*See Teacher Education Program*)

For the purposes of a minor the Education student may count the subject specialization chosen for certificate endorsement or is free to select a noncertificate minor available in any department of the College. Students taking a multi-subjects concentration for early and middle childhood K-8 are not required to have a minor for graduation. (*See Teacher Education Program*)

2. Foundations of Education. **3 hrs.**
Introductory course in the professional sequence for all who plan to teach. Includes an early laboratory experience. A study of the philosophical, psychological, sociological, and historical foundations of education.

3. Audio-Visual Methods. **1 hr.**
Principles of using audio-visual materials effectively in the classroom. Experience in producing selected instructional materials and operating basic audio-visual equipment. *Prerequisite:* Educ. 2.

4. Learning and Human Development. 3 hrs.
A study of the underlying and interrelated factors affecting the total development of the human being. This course is basically concerned with facts and theories of physical and mental development. It also concentrates on learning theories of educational psychology. *Prerequisites:* Educ. 2, Sophomore standing, and admission to the Teacher Education program.

8. Educational Paraprofessionalism. 3 hrs.
A supervised pre-student-teaching experience for prospective teachers in a local school as an educational paraprofessional. This course should be taken in January or late May during the sophomore or junior year. It extends for fifteen consecutive school days and includes seminars to discuss experiences. *Prerequisites:* Ed. 2, Sophomore standing, and sixty days written advance notice to the Education Department.

10. Media and Technology. 3 hrs.
Provides experience in developing effective instructional techniques through the use of audio-visual materials. Additional time is required for student participation in laboratories dealing with the operation and utilization of equipment. Selection procedures are explored on a group and individual basis. *Prerequisite:* Educ. 2.

11. The Teaching of Reading. 3 hrs.
An overview course designed primarily for prospective and in-service teachers. Special attention is given to such aspects of the reading program as readiness, planning the reading lesson, skills identification, diagnosing reading difficulties, remedial reading, and types of reading materials. *Prerequisites:* 3 hrs. of Professional Education, or permission of instructor.

15. Teaching Reading in the Content Areas. 1-3 hrs.
A course designed for prospective and in-service teachers, to help them teach reading skills directly related to their particular content areas. Identification of students who have reading problems and the types of materials which can be used effectively in various content fields. Recommended that Early Childhood Education majors take Educ. 11 prior to enrollment in this course. Reading minors should take the three-credit section.

16. Diagnostic and Prescriptive Reading. 3 hrs.
Examines ways of identifying reading disabilities and their causative factors. Study and practical experience using formal and informal diagnostic procedures; prescriptive techniques and remedial methods. *Prerequisite:* Educ. 11.

17. Developmental, Exploratory and Corrective Reading. 2 hrs.
A study of the content, methods and procedures for corrective reading including diagnosis and remediation. Emphasis will be placed on student needs and development of materials to meet these needs. *Prerequisites:* Educ. 11, 16.

18. Teaching of Reading Practicum. 1-3 hrs.
A course designed to give students the opportunity to understand reading methods and use a variety of reading materials and equipment. Students will have practical experience in working with elementary or secondary students usually in a school or reading laboratory setting. *Prerequisites:* Educ. 11, and 15 or 16.

23. Special Education: Areas of Exceptionality in Special Education. 3 hrs.
A guided survey of the areas of exceptionality in the field of Special Education, namely: behavior disordered, physically handicapped, speech and language impaired, visually impaired, hearing impaired, mentally impaired, gifted, and learning disabled.

24. Special Education: Education of Exceptional Children. 3 hrs.
A survey of classroom management and behavior modification procedures utilized in changing specific behavioral and/or academic characteristics of exceptional children in the classroom. *Prerequisite:* Admission to Teacher Education program.

25. Special Education: Education of the Mentally Impaired. 3 hrs.
An in-depth investigation of the field of mental impairment: its definition, characteristics, and causes. Emphasis placed on learning and development, intelligence, and specific legislation related to the mentally impaired. A field experience component expounds on the theoretical foundations as they are applied in classroom settings. *Prerequisites:* Educ. 23, 24.

26. Special Education: Diagnosis, Prescription and Assessment Techniques. 3 hrs.
An in-depth investigation of and involvement in the diagnosis, prescriptive and assessment techniques used in teaching exceptional children. Students administer formal and informal tests to obtain knowledge on placement and instruction of exceptional children. *Prerequisites:* Educ. 23, 24.

27. Special Education: Curricular Approaches, Materials and Methods for the Mentally Impaired. 3 hrs.
An in-depth investigation designed to acquaint the teacher trainee with those essential curricular approaches, materials and methods utilized in reading, perception, math, language, spelling and handwriting. Includes field placement. *Prerequisites:* Educ. 23, 24.

28. Special Education: Applied Practicum in Special Education. 3 hrs.
A field research experience intended to involve the teacher trainee actively in instructional strategies, remediation, methodology and materials utilized and required in the education of exceptional children. *Prerequisites:* Educ. 23, 24.

29. Special Education: Student Teaching Experience In Mental Impairment. 4 hrs.
A five-week full-time student teaching experience in public school setting in a certified program with a licensed special education teacher. The opportunity to blend theory into practice through the application of concepts and skills essential in designing instructional approaches for the mentally impaired. *Prerequisites:* Educ. 23-28; approval of department chairperson.

30, 31. Curriculum of Early Education I, II. Each 3 hrs.
Emphasis to be placed on interrelatedness of subject matter areas — language arts, sciences, social studies, safety and health, and the creative arts. The developmental sequence and suggested teaching activities and experiences will be discussed in each area. The first semester will also carry an emphasis on the interrelatedness of early childhood characteristics and the teaching-learning process. Includes field experience in Child Development Center. *Prerequisites:* Educ. 2, 4.

32. Organization and Administration of Early Education. 3 hrs.
Emphasis will be placed upon details essential to the organization of a good program for children — records and reports, physical facilities and equipment, working with exceptional children, and the role of the parent. *Prerequisites:* Educ. 30, 31.

39. Student Teaching in Early Education. 4 hrs.
A five-week full-time student teaching experience in public school setting in a fully certified program with a licensed Early Childhood teacher. *Prerequisites:* Educ. 30, 31, 32; Hum. Ec. 21; Speech 15; and approval of department chairperson.

41. General Methods of Teaching in the Elementary School. 5 hrs.
Methods of teaching the language arts, mathematics, and science are emphasized. Emphasis is placed on development of teaching aids, individualization of subject matter, and variety of teaching strategies. *Prerequisite:* Admission to professional upper level block.

43. Methods and Materials of Teaching the Social Studies. 2 hrs.
A brief review of the content of the social studies taught in elementary grades correlated with the aims, methods, and devices for teaching this subject matter. *Prerequisites:* Educ. 2, 4.

45. Curriculum of the Elementary School. 2 hrs.
To orient students to the basic theory related to the development of the curriculum of the elementary school. Units emphasize classroom management, statistics, testing and evaluation, reporting grades and non-promotion, records and register, school law and the elementary schedule. *Prerequisite:* Admission to professional upper level block.

49. Student Teaching in Early/Middle Childhood Education. 4-8 hrs.
Teaching in K-8 classrooms (according to certification sought) under the supervision of a selected professional teacher. Total involvement in the school program is obtained by all-day assignment to the teaching responsibilities. Observations, reports, preparations of lesson plans, group and private conferences and analysis of child growth and development are stressed. *Prerequisite:* Permission of department chairperson.

59. Public Education and School Nursing. 3 hrs.
Taught jointly with the Nursing Department, an introduction for baccalaureate nursing students, practicing school nurses and registered nurses interested in careers in the field to the rationale, components and processes of school nursing in the public education setting. *Prerequisite:* Nursing 13.

60. Special Methods. 2 hrs.
Methods for teaching student's specialized teaching field are examined including basic content areas. Attention is given to lesson and unit planning with selection of appropriate age level materials.

61. Principles and Methods of Teaching in Secondary Schools. 3 hrs.
A survey of the purposes and problems of secondary education combined with approved management techniques and teaching methods with emphasis on utilization of audio-visual aids. *Prerequisite:* Admission to professional upper level block.

65. Curriculum of the Secondary School. 2 hrs.
The basic theory related to the development of the curriculum of the secondary school. The meaning of curriculum; purpose as a basis for developing curriculum; fundamental principles for teaching basic skills with special emphasis on teaching of reading; methods and procedures for organizing teaching-learning situations so that group control is established and maintained, and self-discipline on the part of the individual is fostered. *Prerequisite:* Admission to professional upper level block.

66. Measurement and Evaluation. 2 hrs.
A course to familiarize students with the various types of measures, and with the body of subject matter related to test construction; to enable students to construct, administer and evaluate tests in their area of specialization; to acquaint students with the history and development of testing, measurement and evaluation. *Prerequisite:* Admission to professional upper level block.

69. Student Teaching in Middle/Adolescent Education. 4-8 hrs.
Teaching in grades 5-12 (according to certificate sought) in one or more teaching fields. Total involvement in the school program is obtained by all-day assignment to the teaching responsibilities. Test examination, observations and reports, preparation of lesson plans, group and private conferences. *Prerequisite:* Approval of department chairperson.

70. Special Education: Introduction to Specific Learning Disabilities. 3 hrs.
Survey course designed to acquaint the student with historical development, etiology, characteristics, and an overview of the field of learning disabilities. *Prerequisite:* Educ. 23.

71. Special Education: Teaching Strategies for Specific Learning Disabilities. 3 hrs.
Techniques utilized in teaching the learning disabled. Includes technology as it relates to methods, how to use specific instructional approaches, and how to modify existing curricular methods to meet individualized needs. *Prerequisite:* Educ. 70.

72. Special Education: Applied Practicum in Specific Learning Disabilities. 3 hrs.
A field research experience to involve the teacher trainee actively in instructional strategies, remediation, methodology, and materials utilized and required in the education of the learning disabled. *Prerequisite:* Educ. 71.

73. Special Education: Student Teaching Experience in Specific Learning Disabilities. 4 hrs.
A minimum five-week full-time student teaching experience in a public school with a qualified teacher certified in learning disabilities. The opportunity to blend theory into practice through application of learned concepts and instructional approaches. *Prerequisite:* Educ. 72 and approval of department chairperson.

80. Special Topics. 1-3 hrs.
An examination of a selected topic. Initiated either from the special interest of the department members or in response to contemporary student interest.

81. Seminar. 1-3 hrs.
Investigation of current problems in education. Open only to advanced students enrolled in the teacher education program.

82. Independent Study. 1-3 hrs.
Directed readings and/or special projects in specialized areas of education. Open to selected Juniors and Seniors. Approval of professor and Chairman of Department required.

Teacher Education Programs

Admission and Retention Policy

Students will apply for admission to the Teacher Education Program while registered in Foundations of Education or during consultation with the chairperson of the Department of Education. After initial admission to the Program, continuous evaluation will take place until a student applies for teacher certification. During the phases of the candidate selection and retention review, several means will be used to assure that all teacher education students meet the following five criteria:

1) No known physical, mental, or emotional character or personality traits that would prevent the student from becoming an effective teacher,

2) Proven academic ability, including a 2.5 GPA for admission and successful performance on West Virginia prescribed tests in reading, writing, mathematics, speaking and listening,

3) Interest and competency in activities relating to the teaching profession,

4) Proven ability in the basic skills of reading, writing and oral expression,

5) Demonstrated competency and scholarship in teaching specializations.

College faculty members may challenge, in writing, the admission and/or retention of a teacher education student based upon any of the above criteria.

Eligibility for teacher certification requires:

1) United States citizenship.

2) No knowledge of character or personality deficiencies; no unresolved faculty challenges.

3) College graduation and 2.5 overall GPA.

4) Minimum grade of "C" in student teaching, 2.0 GPA in professional education courses and professional education courses attempted at Wesleyan, successful completion of NTE or other required assessments, recommendation of Chairperson of Department of Education.

5) Proven ability in basic communication skills, acceptable score on Learning Center Basic Communication Skills Assessment, minimum grade of "C" in Composition and Fundamentals of Speech.

6) 2.0 GPA in each teaching field and certificate endorsement.

Students may challenge action taken during any phase of the admission and retention program by appearing before an appropriate committee named by the Vice President for Academic Affairs. Request for such challenge should be submitted in writing to the Chairperson of the Department of Education. Action by such committee will be final.

Program Requirements

Completion of one of the following education programs leads, upon application, to the Provisional Professional Teaching certificate. Each program requires 128 semester hours for graduation. *These outlines assume that Middle Childhood certification will be paired by some students with Early Childhood certification and by others with Adolescent certification; students are warned, however, to review their professional objectives carefully with Education Department faculty and to follow developments in program standards.*

Early and Middle Childhood Education K-4, 5-8 Program: Minimum hours required:

1) General Studies, 42 hrs. including: **Humanities**, 20 hr. min.: 8 hrs. Humanities electives including literature, English 1, Speech 11, Philosophy elective, Religion elective; **Science & Math**, 9 hr. min.: Biology sequence and Mathematics 8; **Social Studies**, 9 hr. min.: History 22, Sociology 1, Economics 1; **P.E. and Health**, 4 hr. min.: P.E. 1 and Health 55.

2) Professional Education, 28 hrs., including: Educ. 2, 3, 4, 8, 23, 41, 45, 49.

3) Early and Middle Childhood Multi-Subjects Specialization, 59 hrs.: Art 7, Physical Education 38, 52, 55, Educ. 11, 16, 17, Library Science 3, Math and Computer Science 1, 8, Music 18, 19, Physics 3, 4, Biology General Studies sequence, History 22, Sociology 1, Educ. 43, Econ. 1, Soc. Sci. 3.

4) Electives: Enough to bring total to 128 hours.

*Note: Some of the Early and Middle Childhood Education requirements are overlapping, thereby allowing as many as 28 hours of the 128 total for electives. Students are urged to work closely with their advisors in planning schedules.

Middle and Adolescent Education 5-8, 9-12 Program: Minimum hours required:

I. General Studies, 42 hrs. including: **Humanities**, 20 hrs. min.: 8 hours Humanities electives including literature, English 1, Speech 11, Religion elective, Philosophy elective; **Science and Math** 9 hrs. min.: all-college requirement including Computer Science; **Social Studies**, 9 hr. min.: History 2 or 22 and electives from two fields — Economics, Government, Anthropology, Sociology or Psychology; **P.E. and Health**, 4 hr. min.: P.E. 1 and Health 50 or 55.

II. Professional Education, 28 hrs., including: Education 2, 3, 4, 8, 15, 60 (where applicable), 61, 65, 66, 69.

III. Teaching Fields: Two subject areas or one multi-level (K-12) endorsement are recommended.

IV. Electives: Enough hours to bring total to 128 hours.

Certification Requirements

Each student must make formal application for a Teacher's Certificate on forms supplied by the State Department of Education in the state where certification is desired. It is recommended that all successful teacher education students apply for West Virginia certification immediately upon graduation. Allow 8 to 10 weeks for processing of the application. For best service, submit application for certification through Registrar's office.

The National Teachers Examination (NTE) or state prescribed exit examinations will be required of all seniors in teacher education and must be taken when scheduled.

Endorsements to the teaching certificate may be earned in specialized teaching fields at the chosen level or levels (K-4, 5-8, 9-12), as illustrated in the following sections. Generally an additional endorsement is optional with the elementary Multi-Subjects K-8 program; in Middle/Adolescent Education students will usually combine two teaching fields and/or level endorsements. The student should inquire about the appropriate options to meet professional objectives.

Early/Middle Education Minors

Selected certification endorsement programs are available as college minors for students in the Multi-Subjects K-8 program, as well as all college academic minors. Even though a minor is not required, it may enhance employment opportunities. Three kinds of minors are available:

I. Middle Childhood Certification Minors (5-8)

ART 5-8 — Art 2, 3, 5, 7, 8, 9, 23, 24 (25 hours total)

FRENCH 5-8 — French 1, 2, 10, 11, 20, 21, electives, Educ. 60 (26 hours total)

CONSUMER AND HOMEMAKING 5-8 — H.Ec. 2, 20, 21, 30, 31, 40, 41, 45, 52, 53; Educ. 60 (30 hours total)

MATHEMATICS 5-8 — MCS 1, 8, 10, 13, 20, 21, 25, 34; Bus. 1; Ed. 60 (31 hours total)

PHYSICAL EDUCATION 5-8 — P.E. 1 (swimming), P.E. 1 (tumbling-gymnastics), P.E. 10, 11, 12, 20, 31, 32, 33, 38, 52 (30 hours total)

II. Other Endorsement Minors

EARLY EDUCATION PreK-K — H.Ec. 21; Educ. 30, 31, 32, 39; Speech 15 (19 hours total)

MENTALLY IMPAIRED K-12 — Educ. 23, 24, 25, 26, 27, 28, 29 (22 hours total)

SPECIFIC LEARNING DISABILITIES K-12 — Educ. 23, 24, 26, 70, 71, 72, 73.

III. Noncertification Minors

TEACHING OF READING K-12 — Educ. 11, 15, 16, 17, 18; Lib. Sci. 3 (15 hours total)
Other academic minors listed elsewhere in catalog.

Middle and Adolescent Teaching Fields

Student must prepare specializations according to state certification standards. The following have been available in Wesleyan's approved program; for current options consult with advisor in the Education Department.

ART K-12 — Art 2, 4, 5, 6, 7, 8, 9, 10, 23, 24, 31 plus seven hours electives from Art 1, 3, 12, 15, 18, 19, 21, 40 (42 hours total)
ART 5-12 — Art 2, 4, 5, 8, 9, 10, 23, 24, 31 plus elective (31 hours total)
ATHLETIC TRAINING 5-12 — P.E. 6, 7, 8 (I-IV), 10, 11, 12, 14, 20, 24, 52, 55; H.Ec. 41; Educ. 4 (33 hours total); plus clinical experience in Educ. 69
BIOLOGY 9-12 — Bio. 1, 2, 3, 4; Ed. 60, (18 hours) plus one course from Bio. 32, 33, 34, 36; one course from 11, 13; and one course from 21, 23, 24 or 9-10 or 25-26 (29-34 hrs. total)
CHEMISTRY 9-12 — Chem. 1, 2, 21, 22, 25, 45, 46; Ed. 60 (28 hours total)
CONSUMER AND HOMEMAKING 5-12 — H.Ec. 2, 20, 21, 22, 30, 31, 32, 33, 40, 41, 45, 50, 51, 52, 53, 56; Sociology 25; Education 60 (47 hours total)
CONSUMER AND HOMEMAKING 5-8 — Home Ec. 2, 20, 21, 30, 31, 40, 41, 45, 52, 53; Educ. 60 (30 hours total)
ENGLISH/LANGUAGE ARTS 5-12 — Eng. 1, 11, 13, 14, 15, 16, 17, 18, 21 or 22 or 23, 32; Ed. 15, 60; Speech 11; Eng. elective (40 hours total)
FRENCH 5-12 — French 1, 2, 10, 11, 14, 20, 21, 30, 31, 40 (3 hrs.); electives 8 hrs.; Ed. 60 (38 hours total)
FRENCH 5-8 — French 1, 2, 10, 11, 20, 21, plus 6 hours electives; Educ. 60 (26 hours total)
GENERAL SCIENCE 5-12 — Bio. 1, 2; Chem. 1, 2; Physics 5, 7, 11, 12; Ed. 60 (32 hours total)
HEALTH EDUCATION K-12 — P.E. 10, 11, 12; Health 50, 52, 55, 57, 58 for 1st teaching field; Bio. 1 or 8; H.Ec. 20; Psych. 3 (29 hours total)
MATHEMATICS 5-12 — MCS 1, 10, 13, 20, 21, 25, 34, 40, 45, 48; Bus. 1; Ed. 60 (37 hours total)
MATHEMATICS 5-8 — MCS 1, 8, 10, 13, 20, 21, 25, 34; Bus. 1; Ed. 60 (31 hours total)
MENTALLY IMPAIRED — Educ. 23, 24, 25, 26, 27, 28, 29 (22 hours total)
MUSIC K-12 — Music 1, 2, 6 and 7 (non-voice majors), 8, 9, 10, 11, 12, 13, 14, 17 (voice majors), 20, 21, 22, 25, 26, 27, 30, 31, 41, 42, 49 (4 credits min.), 51-65 (attainment of level 8, up to 14 hours) non-keyboard majors, piano proficiency level 2 (up to 3 hrs.) (54 hours plus proficiency levels)
PHYSICAL EDUCATION K-12 — P.E. 1 (swimming), P.E. 1 (tumbling-gymnastics), 10, 11, 12, 14, 20, 24, 26, 31, 32, 33, 38, 39; Health 52, 55 (42 hours total plus swimming proficiency)
PHYSICAL EDUCATION 5-12 — P.E. 1 (swimming), P.E. 1 (tumbling-gymnastics), P.E. 10, 11, 12, 14, 20, 24, 31, 32, 33, 39; Health 52, 55 (37 hours total plus swimming proficiency)
PHYSICAL EDUCATION 5-8 — P.E. 1 (swimming), P.E. 1 (tumbling-gymnastics), P.E. 10, 11, 12, 20, 31, 32, 33, 38, 52 (30 hours total plus swimming proficiency)
PHYSICS 9-12 — Physics 11, 12, 21, 22, 23, 24, 27, 34, 36; Ed. 60 (27 hours total)
SOCIAL STUDIES 5-12 — Eco. 1, 10, 11; Gov. 1, 2; Hist. 1, 2, 8, 21, 22, 41; Psy. 1, 6; Soc. 1, 2; Ed. 60; six hours Social Science electives (53 hours total)
SOCIAL STUDIES 5-8 — Eco. 1; Gov. 1; Hist. 1, 2, 8, 21, 22; Soc. 1; Educ. 60; elective in Social Sciences (29 hours total)

Secondary Minors available that do not comprise teaching fields:

TEACHING OF READING K-12 — Educ. 11, 15, 16, 17, 18; Lib. Sci. 3 (15 hours total)
Other academic minors listed elsewhere.

English

DeFoe, Eubank, Mallory, Norvell, O'Brien, Saunders

The Department of English believes that the study of literature and writing should be an integral part of every student's program. In its curriculum the department provides literature and writing courses suitable to the needs of all students. Central to the program are the small-group "colloquium" and "seminar" experiences, where both students and teachers work together toward greater understanding and appreciation of literature and written expression.

The department's aims are broadly cultural, embracing the study of the best in classic and contemporary literature, and intended for all students who wish contact with the world of experience, ideas, and human relations. The courses are directed toward students in liberal arts, teaching, business, computer science, government, and the sciences, and those who intend graduate study in law, medicine, and the ministry. The department also encourages students in any discipline to choose English as a beneficial minor area of study.

Requirement for Major:

36 semester hours above basic composition course(s) including the following courses: 13, 14, 15, 16, 31 or 34, 32 and 48, plus any two of the following courses: 17, 18, 19, 21, 22, 23. Dramatic Arts 5, 30, and 32 may be counted toward this major.

Students majoring in English preparing for graduate study should substitute 12 semester hours of a foreign language for 12 semester hours of elective courses in literature.

Requirement for Minor:

15 hours in English above basic composition.

1. Composition. 3 hrs.
A course for students who need practice in the basic skills of grammar and composition. The principles of composition, grammatical construction, and research techniques are explored thoroughly. The student's system of organization and method of composition are developed. *(May be exempted through testing procedures.)*

4. Introduction to Creative Writing. 3 hrs.
An introductory course which encourages the student to understand the principles of creative writing and to explore several modes of writing — poetry, fiction, drama. Students consider works by masters of the craft and complete several writing assignments. Also, students submit their own work for review by class members and the instructor. *Prerequisite:* English 1.

6, 7, 8. Colloquia I, II, III. Each 2 or 3 hrs.
Explorations of themes, ideas and literary genres; designed for the general student. Includes such titles as "Introduction to Literature," "Great Stories," The Short Story," "Women in Literature," "Appalachian Literature," "French Literature in Translation," "The Films of Woody Allen," "Fantasy Literature." Student suggestions for design of colloquia are welcomed by the department. *Prerequisite:* English 1.

9. Writing for the Print Media. 3 hrs.
A study of sound journalistic practice in the print media. A hands-on course designed to improve the student's ability to interview, do research and write editorials, news stories and feature articles for newspapers and magazines. *Prerequisite:* English 1.

11. Advanced Composition. 3 hrs.
Advanced study in the English language, its logic, structures, and usage. Practice in the art of composition and its implications in research and report writing are explored thoroughly. *Prerequisite:* English 1 or permission of the instructor.

12. Creative Writing — Poetry or Fiction. 3 hrs.
An informal workshop course which enables the student to concentrate on one particular genre and to write extensively in that genre. The course develops expertise in writing and critical ability and provides an audience for the writer's work. *Prerequisite:* English 4 or instructor's permission.

13, 14. England, The Heritage I, II. Each 3 hrs.
The first semester explores representative works of early English literature through the eighteenth century with their social and historical backgrounds. The second semester studies representative works and ideas in English literature from the Romantic period to modern times. *Prerequisite:* English 1.

15, 16. American Literature I, II. Each 3 hrs.
The first course explores American writers and thinkers from Colonial Days through the Romantic Period, ending about 1880. The second course gives attention to major trends and themes in the "Modern Era," focusing on American writing from the 1880's to contemporary times. *Prerequisite:* English 1.

17, 18. World Masterpieces I, II. Each 3 hrs.
The course introduces the student to the masterpieces of literature. Readings in Homer, Greek drama, Virgil, Dante, and representative works of later European writers will be supplemented by lectures on literary forms and periods. *Prerequisite:* English 1.

19. Renaissance Drama and Poetry. 3 hrs.
A study of non-Shakespearian poetry and drama of the English Renaissance, with attention to the social, cultural and political atmosphere of the time. *Prerequisite:* English 1.

21. Eighteenth Century British Literature: Man in Nature and Society. 3 hrs.
The literature of England in the eighteenth century, with special emphasis on the prominent authors and dominant literary forms (excluding the novel) of the neoclassical tradition. *Prerequisites:* English 1 and English 13 or instructor's permission.

22. Nineteenth Century British Literature: Romanticism. **3 hrs.**
An intensive study of the representative works of the Romantic period, with special attention given to the historical, cultural, and intellectual backgrounds of the literary theory. *Prerequisites:* English 1 and English 14 or instructor's permission.

23. Nineteenth Century British Literature: Victorianism. **3 hrs.**
A study of the major poets and prose writers of the Victorian period with consideration of their reaction to the social, economic, political and aesthetic problems of the nineteenth century. *Prerequisites:* English 1 and English 14 or instructor's permission.

27. Studies in the Novel. **3 or 4 hrs.**
A study of representative novels illustrating the development and relevance of form, theme, and historical significance in literature. *Prerequisite:* English 1.

31. Chaucer. **3 hrs.**
The poetry of Chaucer as it developed from Middle English literature under the influence of the French and Italian Renaissance. Readings in Chaucer will be supplemented by class discussion and lectures on the religious and social backgrounds of the period. *Prerequisites:* English 1 and English 13 or instructor's permission.

32. Shakespeare. **3 hrs.**
A study of representative plays: comedies, histories, tragedies and romances against the background of the Elizabethan age. *Prerequisite:* English 1.

34. Milton. **3 hrs.**
A study of the prose and poetry of Milton as literary forms and as historical, cultural, and religious expressions. *Prerequisite:* English 1.

35. Literary Criticism. **3 hrs.**
A study of the principles of evaluation and interpretation of literature, through the works of important literary theorists from Plato to the present. *Prerequisite:* English 1.

36. Twentieth Century Poetry. **3 hrs.**
Significant poetry of the twentieth century is read and carefully evaluated to introduce the student to the leading poets and forms of poetry in our time. *Prerequisite:* English 1.

37. Twentieth Century Prose. **3 hrs.**
This course is designed to acquaint the student, through detailed study, with the themes, styles, and authors of the twentieth century with emphasis on contemporary writers. *Prerequisite:* English 1.

41, 42. Seminars in Literature. **Each 3 hrs.**
Special topics in American, English and Non-Western literature. Each seminar considers a literary movement or idea not covered in regular offerings. Includes courses such as "Literature of American Minorities," "Russian Literature," "The Contemporary Novel," "The African Novel," "American Literature of the 20's and 30's," "Poetry since 1945." *Prerequisite:* Advisable to have had three courses in literature above English 1.

47. Readings in Literature. **1-3 hrs.**
A student may study special topics or periods in English, American and World literature under the direction of a faculty member of the department. The project and its credits must be approved by the instructor and the department chairperson. *Prerequisites:* A grade point average of at least 3.0 and 18 hours in English are desired.

48. Senior Seminar. **2-3 hrs.**
Guided by English department faculty, individuals or groups of students will create a course, project or study relevant to literary studies or literary life. The students will present the material to the assembled majors, minors, and faculty. Required of English majors in their senior year.

Government

Morrissette, Bright

The undergraduate degree in government provides a suitable foundation for the student who wishes to obtain an advanced degree in political science, public administration, and other disciplines within the social sciences. The pursuit of a future degree in Law is another frequent goal of the undergraduate major.

The degree in government can lead to employment opportunities in government service on all levels, including the diplomatic service; in research organizations; in social advocacy and lobbying programs; in journalism and specialized writing and editing; in full-time professional campaign organizations; as well as to the holding of elective or appointive office.

Requirement for Major:
24 hours in the department.

Requirement for Minor:
15 hours in the department.

Public Administration Major:
For a description of the Public Administration major, see page 61.

1. American Federalism. **3 hrs.**
An analysis of the interaction of citizens and institutions of the United States in the formation, implementation, and adjudication of public policy at the national level.

2. State and Local Government. **3 hrs.**
A comparative analysis of governments on the local, county, and state levels in the United States, and their interrelationship in the American Federal System.

5. Contemporary Political Science. **3 hrs.**
A general introduction to the discipline of political science. *Offered in alternate years.*

10. Public Administration. **3 hrs.**
A study of the theory and practice of public administration in the United States — national, state and local.

12. Politics of Social Policy. **3 hrs.**
The public policy making process in the U.S. with emphasis on social policies, the roles of institutions, interest groups, social advocacy, elites and opinion/policy linkages in originating and implementing public policy. Techniques of policy evaluation as well as the ethical bases of policy choice. *Prerequisite:* Upper level standing.

15. Constitutional Law. **3 hrs.**
A course in the legal principles of the Constitution of the United States as interpreted by the courts. The case method is used.

16. Criminal Justice, System and Process. **3 hrs.**
An analysis of the structure and functions of the American system of criminal justice. Levels of analysis will include the national, state, and local components. Institutions considered will include law enforcement, judiciary, corrections and probations. In addition, the course will introduce students to the methods and insights provided by "judicial behavioralism."

20, 21. Comparative Developed States. **Each 3 hrs.**
A comparative examination of government and politics in selected countries and areas which are generally considered to have high levels of political and economic development, such as England, France, Germany, and the Soviet Union. *Offered in alternate years.*

22, 23. Comparative Developing States. **Each 3 hrs.**
A comparative examination of the institutions and processes of government and society in selected developing countries and areas, such as India, Southeast Asia, Africa and Latin America. *Offered in alternate years.*

27. International Relations I. **3 hrs.**
Formulation and execution of foreign policy with emphasis on American foreign policy; policy-making processes; main lines of foreign policy since 1945; relationships with the Soviet Union, Europe, China and the "third world." *Offered in alternate years.*

28. International Relations II. **3 hrs.**
Theory of international relations; basic factors affecting the position and policies of states, such as geography and demography; nationalism; imperialism; technological and economic factors; conflicting ideologies; instruments of foreign policy, such as diplomacy, propaganda, military power and economic and military assistance; international law and international organization. *Offered in alternate years.*

30, 31. Political Theory. **Each 3 hrs.**
Reading, discussion and analysis of selected political and social theories from ancient times to the present. *Offered in alternate years.*

40. Seminar-Research in Political Problems. **1-6 hrs.**
Subject to the approval of the department chairman, open to students who are qualified to do independent research. *Prerequisite:* Upper level standing.

42. Public Administration Seminar. **3 hrs.**
A senior academic experience in public administration exploring key issues and current research in the public/nonprofit sector of society. *Prerequisites:* Completion of 40-45 hours in Public Administration major or permission of instructor.

Health and Physical Education

Smith, Braine, Cable, Carpenter, Ellis, Fruh, Haas, Klebez, Ross, Walcavich

The Department of Health and Physical Education offers opportunities of study and activity for all students of the College and specialized programs for persons seeking certification to teach either Health or Physical Education or to major in Physical Education.

Physical Education

The Physical Education program is designed to 1) provide instruction in leisure time skills in activity classes which teach history, rules, strategies, and fundamental skills to all students who have a continuing interest in sports and recreational activities; 2) provide instruction, guidelines, facilities, and equipment to contribute to development of physical fitness; 3) provide programs with the Department of Education for certification of Physical Education teachers; 4) provide an intramural athletic sports program for participation of all interested students; 5) provide opportunity for the desirable manifestation of the play urge; 6) contribute to emotional stability by offering activities which can provide a wholesome outlet for the satisfaction of the psychological needs of students; 7) provide instruction in various team and individual sports for students who plan coaching careers; and 8) provide instruction for students interested in athletic training.

Requirement for Major:

Teacher Education students *must* consult advisors regarding schedules. For teaching specialization and athletic training endorsement see Teacher Education Programs under Department of Education.

Students wishing to combine courses from general physical education, fitness and athletic training curricula are cautioned to take account of the limit on departmental credits that may count toward graduation.

General major: HPE 1 (swimming) or proficiency test, 10, 11, 12, 14, 20, 24, 26, 31, 32, 33, 50, 52, 55.

Adult Fitness concentration: HPE 4, 10, 11, 12, 14, 16, 24, 31, 32, 50, 52; Chemistry 5, 6; Human Ecology 41, 44; Math and Computer Science 3.

Requirement for Minor:

HPE 10, 11, 12, 20, 31, 32, 52.

1. Physical Education Activity. 1 hr.
Fundamental rules, techniques and skills in any one of the following activities. *Team Games:* Basketball, Volleyball. *Individual Sports:* Golf, Tennis, Archery, Bowling, Swimming, Handball, Racquetball, Squash. *Dance Activities:* Ballroom Dance, Modern Dance, Folk Dance. *Other Activities:* Tumbling, Gymnastics, Body Building, Martial Arts, and Jogging. No more than four activity credits may count toward graduation.

4. Exercise and Weight Control. 3 hrs.
Identification of health and fitness status, suitable nutrition and exercise programs, calorie needs at various ages. Course entails both class work and physical activity. *One credit may count for activities requirement.*

5. Movement. 3 hrs.
An introduction to the fundamentals of efficient movement. Designed to develop physical self-awareness and an understanding of how the body works and moves.

6. Sport Injury Control and Management. 2 hrs.
A course designed to provide basic knowledge and skills that aid in the prevention and treatment of injuries common in athletics.

7. Advanced Sports Training. 3 hrs.
This course is designed to establish competence in three key areas of athletic health care: supervision of safety and preventive procedures, mechanisms and kinesiological analysis of athletic injuries, and treatment of injuries in specific areas.

8. Athletic Training Practicum I-IV. Each 1 hr.
Practical experience in areas of athletic event coverage, injury prevention and evaluation, physical therapy, and rehabilitation. Exposure to training room experience at public school and collegiate levels. Pass/fail grading. *Prerequisite:* HPE 52 and admission to the athletic training program.

10. Anatomy and Physiology I. 3 hrs.
The structure and function of the human organism. Major topics will include skeletal anatomy and function, muscular structure and function, the molecular basis of cell physiology and the nervous system.

11. Anatomy and Physiology II. 3 hrs.
A continuation of 10 emphasizing the following systems: cardiovascular, respiratory, gastrointestinal, renal, endocrine and reproductive. *Prerequisite:* Physical Education 10.

12. Exercise Physiology. 3 hrs.
The course deals with the physiological effects of exercise on the human body; areas of interest include concepts of physical fitness, fatigue, weight control, nutrition, environmental stresses and review of the latest research in human performance. *Prerequisite:* Physical Education 10, 11.

14. Kinesiology. 3 hrs.
A study of the principal muscles of the human body, how the muscles work together to perform with ease and efficiency, the basic motor skills, and the study of prevention and correction of certain posture defects. *Prerequisite:* Physical Education 12.

16. Exercise Testing and Prescription. 3 hrs.
A course designed to provide knowledge and experience in the field of graded exercise testing, exercise prescription and rehabilitation of persons with cardio-vascular disease. *Prerequisite:* Physical Education 14.

19. Motor Learning and Evaluation. 3 hrs.
Introduction to motor learning and skilled performance, learning theories, models of skill acquisition, statistical methods, and fitness and performance measurement. *Prerequisite:* Upperclass standing in physical education, rehabilitation or allied field.

20. Principles, Organization and Administration of Health, Physical Education and Athletics. 3 hrs.
A study of the problems confronting teachers, coaches, principals, and supervisors in physical education and athletic programs of the public schools. A development of the understanding of basic physical education and athletic principles on which decisions can be made relative to problems teachers and coaches may encounter.

22. Recreation Leadership. 3 hrs.
An introduction to the organization and administration of playgrounds, swimming areas, camps, and the development of leadership in recreation.

24. Adapted Physical Education. 2 hrs.
A study of the adapted physical education program within the school curriculum with emphasis on development of individual programs for exceptional children. *Prerequisite:* Physical Education 14.

26. Elementary Rhythms and Movement. 2 hrs.
An introduction to a study of basic movement skills, movement exploration, singing games, folk dancing, and social dancing, as they apply to the elementary physical education program. Emphasis on planning and conducting the activities.

31. Physical Education Major I. 4 hrs.
Introduction to physical education, its various fields, qualifications and employment possibilities. Fitness activities, testing and evaluation. An in-depth study of golf and track and field with emphasis on physical education fundamentals, basic coaching, choice and care of equipment.

32. Physical Education Major II. 3 hrs.
An in-depth study of flag football, soccer, basketball and volleyball with emphasis on physical education fundamentals, basic coaching, choice and care of equipment. *Prerequisite:* Physical Education 31.

33. Physical Education Major III. 3 hrs.
An in-depth study of racquetball, swimming, tennis and softball with emphasis on physical education fundamentals, basic coaching, choice and care of equipment. *Prerequisite:* Physical Education 32.

38. Methods of Physical Education in Elementary Schools. 3 hrs.
This course is designed to help develop philosophy, objectives, activities, program-planning and evaluation for a functional and meaningful program in elementary school physical education. *Prerequisite:* Junior or senior standing.

39. Methods of Physical Education in Secondary Schools. 3 hrs.
Philosophy, objectives, activities, equipment, program-planning, measurement and evaluation procedures for a functional program in secondary school physical education. *Prerequisite:* Junior or senior standing.

41, 42. Team Sports. Each 3 hrs.
A clinical analysis of coaching sports at the varsity level. The course is intended for future coaches and includes philosophy, code of ethics, rules, and skills of selected sports, such as football, track, basketball and baseball.

45, 46. Officiating. Each 1 hr.
Introducing the techniques and mechanics of officiating football and track (45) or basketball and baseball (46), including principles and interpretation of rules. State officiating test and supervised practice in the above sports.

49. Special Topics. 1-3 hrs.
Classes or seminars on selected topics in the field of health and physical education. The subject matter will vary from year to year according to current faculty and student interest. *Prerequisite:* Permission of the instructor.

Health

The Health Education program is designed to 1) provide programs with the Department of Education for the certification of health teachers; 2) provide courses that teach that health is not a static condition but an ongoing process of learning, decision making and action; 3) provide accurate up-to-date information in areas of interpersonal relationships, coping strategies, sexuality, nutrition, medical care, health products and services, common diseases, environment factors and community health; 4) provide an understanding of the decision-making skills that the student will need to direct his own health behavior; 5) stimulate students' exploration of attitudes and feelings affecting health; 6) emphasize the social, emotional and behavioral aspects of health; 7) convey that health is not an end in itself but a means of achieving and enjoying a satisfactory total life; and 8) emphasize that health education should be an integral part of every student's education.

Students seeking a teaching field in Health *must* consult a faculty advisor. The outline of the program appears in the catalog under Teacher Education.

50. Personal and Community Health. 2 hrs.
An introductory course designed to help the student acquire the information, attitudes, and habits essential to healthful living. An introduction to disease prevention, sanitation, food regulations and supply, housing, etc.

52. First Aid and Safety. 3 hrs.
An introduction to the principles and practice of safety in schools, homes, and on the streets and highways, and the ability to take care of oneself and others in case of emergency.

55. School Health Problems. 2 hrs.
Problems involved in school health programs including methods and materials for health instruction in elementary and secondary schools.

57. Health Education Seminar. 1 hr.
An in-depth study of selected issues in health education on the local, state, national, and international level.

58. Methods of Teaching Health. 3 hrs.
This course is designed for prospective teachers, giving them the opportunity to evaluate various health teaching methods and learn measurement and evaluation procedures. *Prerequisite:* Junior or senior standing.

History

H. Coston, Cresswell, Hunt, Mahoney

Courses in the Department of History are designed to encourage students to read critically, think creatively, research thoroughly, and write effectively. The department encourages students to explore the American past, the European heritage, and Non-Western cultures. A major in history is an excellent foundation for graduate study in law, theology, the humanities, and social sciences. History graduates have found rewarding careers in journalism, research and writing, archival and museum work, teaching, and government service.

Requirement for Major:

30 semester hours taken in the department. The course offerings are given in three fields — United States, European, and Non-Western. A minimum of six hours is required in each of the three fields. The U.S. requirement will be met by History 2 and 1, 3 or 4. The European requirement will be met by History 22 and any one of the following: 21, 23, 24, 25, 26, 29. The Non-Western requirement will be met by History 41 and any one of the following: 42, 43, 44, 45, 46, 47, 49. The remainder of the 30 hours may reflect the student's interests.

History majors are urged to take Philosophy 30 (Philosophy of History) and at least six hours of a foreign language.

Credit for survey courses 1, 2, and 21, 22 may be established by passing the appropriate College Level Examination Program (CLEP) examinations. No more than six hours of exam credit can be applied toward a major.

Requirement for Minor:

15 semester hours, including 2, 22 and any course from the Non-Western area. No more than three hours of exam credit can be applied toward a minor.

United States History

1, 2. History of the United States I, II. Each 3 hrs.
A survey of the history of the United States (I) from the discovery of America through the Civil War and (II) from the Reconstruction to the present. Emphasis on social, political, and economic developments.

3. Foundations of American History, 1607-1860. 3 hrs.
A problems approach to the study of political, social, economic, and cultural aspects of American civilization. The course will be set in the context of American history during the colonial, revolutionary, and early nation periods. *Prerequisite:* History 1 or permission of instructor.

5. Civil War and Reconstruction. **3 hrs.**
An analytical study of the social forces, events and personalities involved in the disruption of the Union and its reconstruction (from 1840 to 1876). *Not open to freshmen.*

8. West Virginia: the Mining State. **3 hrs.**
A study of the coal industry and its economic, social, and political influence on the history of West Virginia; designed for teachers of Social Science and individuals interested in the affairs of this state and its region.

10. Intellectual and Social History of the United States Since 1865. **3 hrs.**
An investigation into patterns of thought in the changing American society from the Civil War to the present. Areas covered include Evolutionary Naturalism, Naturalistic Thought, Progressivism, the Twenties, the Great Depression, the New Deal, the post-war years, and the nation since 1960. *Not open to freshmen.*

11. Minorities in an Urban Society. **3 hrs.**
A study of the experiences of racial and ethnic minority groups in America during the hundred years after the Civil War, when America was becoming increasingly urbanized. Among the topics studied are black office-holding during the Reconstruction, white conflicts with Indians, the experience of Asian Americans, and Jim Crow segregation and black voting rights in the 1950's and 1960's.

12. Makers of the Modern World. **2 hrs.**
A seminar covering theories of the role of the individual in history, with representative U.S. and European leaders studied as persons in the context of their times. Some biographies are read and discussed in class, and others developed through outside readings. *Not open to freshmen.*

13. History of American Labor. **3 hrs.**
A study of the forces which influenced the rise of labor, the history, objectives and methods of organized labor; trade and industrial unionism; collective bargaining; current aspects of labor-management and labor-government relations; labor law. Colonial times to the present with emphasis on late 19th Century, the depression, and the present. Case studies and outside consultants. *Not open to freshmen except with permission of instructor.*

14. The United States, 1900–1940. **3 hrs.**
A study of political trends from McKinley through the New Deal; economic policies under conservative, progressive and New Deal leadership; and foreign policies such as imperialism, the entry into World War I, peace-making after the war, isolationism, and responses to the events leading to World War II. *Offered in alternate years.*

15. Recent History of the United States. **3 hrs.**
An analysis of American society emphasizing the role of leadership, policy-making, and events of our foreign and domestic involvements since 1940. *Offered in alternate years.*

17. The Black Experience in America. **3 hrs.**
Description under Sociology 17.

European History

21. History of Western Civilization I. **3 hrs.**
Survey of Western Civilization from beginning to the close of the religious wars of the Reformation. Concentration on its political, social, economic, intellectual and artistic aspects for an understanding of world civilization today.

22. History of Western Civilization II. **3 hrs.**
Survey of Western Civilization from close of the sixteenth century to the nuclear age. Concentration on its various aspects as in 21.

23. Ancient History. **3 hrs.**
A study and comparison of the classical age of Greece (especially the Age of Pericles) and of Rome (especially the Age of Augustus). Each society is looked at as a whole through its political, economic, social, religious, literary and artistic manifestations.

24. Medieval History. **3 hrs.**
A study of the developments in medieval arts and society in Europe with emphasis on the period between the tenth and fifteenth centuries.

25. Renaissance History. **3 hrs.**
A study of artistic, political and religious developments in Renaissance Europe with emphasis on Italian Humanism and the Renaissance north of the Alps.

26. Reformation History. **3 hrs.**
A study of the religious, political, and cultural developments in the Reformation with emphasis on sixteenth century Germany and Switzerland, and including developments to 1648.

27. History of Modern Germany. **3 hrs.**
The nature of Prussian society, the rivalry between Prussia and Austria for the command of German affairs, the quality of Prussian leadership in the German Empire of 1871-1918, the politics and culture of the Weimar Republic, Nazi totalitarianism, and the reshaping of East and West Germany since the Second World War.

28. History of Modern Russia. **3 hrs.**
The history of Russia from 1796 to the present with special emphasis on the confrontation with the West, the decline and fall of Russian autocracy, the evolution of reform thought and revolutionary opposition, the revolution of 1917, subsequent transformation, the Marxian dream, and the Soviet reality.

29. History of England to 1700. **3 hrs.**
From the Roman conquest to 1700. Emphasis on the development of the common law, common law courts, Parliament and the monarchy against a background of social, cultural, and economic development. *Suggested for pre-law and political science as well as history students. Not open to freshmen.*

30. Britain: Yesterday and Today. 3 hrs.
English history from 1700 to the present, with special emphasis on the character of social relations, the impact of industrialization, the capacity of the aristocracy, the creation of empire, and the decline of the realm.

32. Power and Values. 3 hrs.
An examination of the acquisition, organization and uses of power; the generation of values and value ends toward which a society uses its power; a comparative study of the age of Louis XIV and the era of Franklin D. Roosevelt; emphasis on the similarity of problems and limitation of means in their resolution in each age. *Not open to freshmen.*

33. History of French Society Since 1760. 3 hrs.
A consideration of the causes of political instability, the revolutionary tradition, the evolution of French society and culture, and the development of a peculiarly French view of the world in the modern era.

34. Early Modern Europe. 3 hrs.
Intellectual and social structure, 1648 to 1789; dynamics of social and political change, principles of authority and bases of revolution from the Reformation to the French Revolution.

35. History of Europe, 1789-1890. 3 hrs.
An examination of European history from the French Revolution and Napoleonic Era to the coming of the Golden Age. The revolutionary tradition and the upheavals of 1848, the impact of modernization and industrial progress, the development of the modern nation-state, and the growing pressures on domestic politics and the international system arising from nationalism and imperialist expansion.

36. History of Europe, 1890 to the Present. 3 hrs.
European society from the prosperity and optimism of La Belle Epoque to the reconstruction of Europe in the nuclear age. Topics include the origins and impact of the First World War, the political and economic instability of the inter-war years, the development of totalitarian ideologies, the cataclysm of the Second World War, and the decline of Europe as the center of world power.

Non-Western History

41. Introduction to the Non-Western World. 3 hrs.
An introduction to selected traditional societies before their contacts with Western Civilization during the 19th Century. The use of novels and audio-visuals supplements texts and lectures to gain an understanding of the common person's village life as well as the Great Tradition of these civilizations.

42. History of Africa. 3 hrs.
A study of sub-Saharan Africa, especially since 1800, including: the slave trade and its impact on traditional societies, the European scramble for African territories and African reactions, colonial administrations, economic changes, nationalism and independence movements, problems and trends of African nations since independence. *Not open to freshmen.*

43. History of East Asia. 3 hrs.
A study of the contrasting patterns of Chinese and Japanese modernization since the mid-nineteenth century. *Not open to freshmen.*

44. People's Republic of China. 3 hrs.
A study of issues in Chinese history since 1949, such as the balance between continuity and change, between ideology and practical considerations, and between domestic and foreign policies. *Not open to freshmen.*

45. Japan Since 1945. 3 hrs.
A study of Japan as a unique modern society, beginning with its recovery and new national direction after World War II, political, economic and social trends within Japan and its changing international position.

46. History of Latin America. 3 hrs.
A study of Latin America from the period of discovery to the present. Emphasis on the period since 1800 with special attention to relations between Latin American countries and the United States. *Not open to freshmen.*

47. History of Mexico. 3 hrs.
A study of Mexico from its discovery to the present time. Pre-hispanic and post-hispanic Indian cultures; Spanish culture and institutions of the Colonial Period; the Independence Period. Emphasis on social, political and cultural developments, with attention to relations with the United States. *Not open to freshmen.*

49. Modern Imperialism. 3 hrs.
A study of "modern" imperialism between 1850 and 1960, and new patterns of international dominance emerging since 1960. The course centers on the forces giving rise to imperialism, the various ideologies and administrative patterns developed, and the forces leading to its decline and transformation. *Not open to freshmen.*

50. Special Topics. 1-3 hrs.
An examination of a selected topic, initiated either from the special interest of department members or student interest. *Not open to freshmen.*

51. Readings in History. 1-3 hrs.
Directed readings in areas approved by instructor, usually conducted primarily through conferences. *Open only to seniors majoring in History except through special permission from the instructor.*

Human Ecology

Halverson, Miller, Walls

The curriculum offered in the Human Ecology Department provides preparation for those wishing to enter professional careers and graduate school in areas of Human Ecology including such diverse fields as dietetics, consumer advocacy and fashion merchandising. Human Ecology synthesizes knowledge drawn from its own research, from the physical, biological, and social sciences and the arts, and applies this knowledge to improving the lives of families and individuals. It is the purpose of the curriculum to develop competency in utilizing both human and material resources to foster the well-being of people. For this reason, most courses offered in the department are open to all Wesleyan students if prerequisites are met. This department has well-equipped laboratories and lecture rooms.

The program enables students planning to teach in the middle school or high school to meet requirements for vocational certification in home economics (Consumer and Homemaking Education). Wesleyan is the only private college in the state with an approved program leading to this certification.

The major in Nutrition offers options in Dietetics or in General Nutrition. Students completing the dietetics program are eligible to apply for an American Dietetics Association (ADA) accredited internship or for acceptance into an approved graduate program in nutrition. Completion of an accredited internship or approved graduate program qualifies the graduate to write the examination to become a Registered Dietitian. Wesleyan is the only private coeducational college in the tri-state area to offer an approved ADA dietetics program.

A major in Fashion Merchandising is also offered by the Department of Human Ecology. This curriculum prepares students for careers in the fashion business, including marketing, sales, and promotion. Students become fully versed in fashion terminology, fabric, color and design, and receive a comprehensive background in distribution channels, costs, prices, markups,and the true value of a garment. They are taught the American ready-to-wear markets and the functions of retailing in the current market. Studies include consumer behavior patterns and reactions and information for men and women who wish to open their own shops.

Requirement for Major in Human Ecology:

34 semester hours in Human Ecology including 2, 20, 21, 30, 31, 40, 41, 45, 50, 53, 56. Students interested in professional careers or in entering graduate school should consult the faculty in the department about the selection of additional courses.

Requirement for Minor:

15 semester hours in Human Ecology, including 2, 21, 30, 40, 53.

Requirement for Major in Nutrition:

Dietetic Emphasis (meets requirements for ADA accredited internship program): Human Ecology 21 (or Psy. 3 or 24-25), 40, 41, 42, 44, 45, 46, 47, 48, 49, 53, 56 (or Educ. 60), 60, contract Field Study in Nutrition; Chemistry 1, 2, 21, 22, 41; Biology 1, 9, 10, 13; Business 60; Economics 10; Education 4; Psychology 1; Sociology 2 or 1; Mathematics 10.

General Nutrition Emphasis: 33 semester hours in Human Ecology including 21 (or Psy. 3 or 24-25), 40, 41, 44, 45, 46, 49, 53, 56, plus elective hours from 42, 43, 47, 48, 60, 61; Biology 1, 2, 13; Chemistry 5, 6.

Requirement for Minor in Nutrition:

15 semester hours in Human Ecology, including 21 (or Psy. 3 or 24-25), 41, 44; plus electives from 40, 42, 43, 45, 46, 47, 48, 49, 53, 56, 60, 61.

Requirement for Fashion Merchandising Major:

27-28 semester hours in Human Ecology including 2, 30, 31, 32, 34, 35, 37, 52, 53, 2-hour elective in clothing or textiles and Internship in Fashion Merchandising plus the following in related departments: Psychology 1; Sociology 2; Business 1, 60, 70, 73; Art 23 or 24, or 15 or 18; Computer Science 1.

Requirement for Fashion Merchandising Minor:

18 hours including Human Ecology 2 (Art majors may substitute Art 5, 6), 31, 35, elective in Clothing and Textiles; Business 1, 73.

2. Design. **3 hrs.**
Practical applications of color and design in everyday life, specifically as related to clothing, home furnishings, housing and textiles. *Prerequisite:* Major or minor in the department. *Not open to students who have had Art 5 or 6.*

20. Personal and Family Living. 3 hrs.
An exploration into personal and family relationships in our society as they affect today's young adult. Includes study of courtship, husband-wife and parent-child relationships. Enrollment limited to students of freshman or sophomore standing or having permission of instructor.

21. Child Care and Development. 3 hrs.
A study of all aspects of the care and development of the child from conception through age nine with emphasis on the knowledge and guidance of young children in their emotional, social, intellectual and physical development. Enrollment limited to students of upper class status.

22. Consumer Economics. 2 hrs.
A study of consumerism to enable students to make appropriate judgments about purchases of goods and services. Emphasis is on consumer protection and behavior.

30. Apparel Construction. 2 hrs.
An elementary course in basic principles of clothing construction techniques and skills including pattern fitting and alteration. *Offered fall semester.*

31. Apparel Selection. 3 hrs.
An examination of the aesthetic, economic, physiological, psychological, and sociological factors involved in apparel selection. Includes the acquisition and use of clothing and consumer responsibilities and protections. *Offered spring semester.*

32. Textiles. 3 hrs.
A study of fibers, yarns, weaves, fabrics, finishes, and testing procedures. Includes end-uses of fibers and fabrics, their characteristics, how to choose wisely, what to expect and how to care for specific fabrics. *Offered spring semester.*

33. Tailoring. 3 hrs.
Principles of detailed and tailored finishes and problems of fitting and time management in the construction of a suit or coat. *Prerequisite:* Human Ecology 30 or permission of instructor. *Offered as required.*

34. Visual Merchandising. 2 hrs.
A study of the basic elements and principles of design as they relate to merchandise and its presentation in terms of image, market, customer, concept, locations, and objectives. Practical experience in planning and executing functional displays. *Prerequisite:* Human Ecology 2, 31 and 35 and senior standing. *Offered spring semester.*

35. Fashion and Apparel Industry. 3 hrs.
Factors affecting the origin and development of fashion, and the production, distribution, and promotion of fashion merchandise. A study of the ready-to-wear market and factors involved in consumer acceptance of fashion. *Prerequisites:* Human Ecology 31, Business 70 or consent of instructor. *Offered fall semester.*

36. Clothing, Equipment and Housing for the Disabled and Elderly. 2 hrs.
Understanding the problems and meeting the needs of persons whose physical conditions necessitate the use of specially designed or adapted clothing, equipment and housing to achieve maximum independence in daily living. *Prerequisite:* Sophomore standing.

37. Fashion Innovation and Analysis. 2 hrs.
An integrative study of the fashion variables utilized in fashion analysis and forecasting. *Prerequisite:* Human Ecology 31 and 35 and senior standing. *Offered spring semester.*

38. New York Fashion Merchandising Tour. 3 hrs.
A travel course to broaden the scope of experience and understanding in the areas of fashion, apparel industry, business, and the arts. Visits to major business institutions, manufacturing firms, showrooms, merchandise shows, retail establishments and museums with opportunities to attend the theatre, ballet, etc. *Prerequisite:* Sophomore standing. *Offered in alternate years.*

40. Food Science. 4 hrs.
A study of the structure of basic ingredients and the various effects they have on one another when blended together to form products. *Offered in alternate years, fall semester.*

41. Fundamentals of Human Nutrition. 3 hrs.
An introductory study of the individual nutrients in respect to digestion, absorption, metabolism, body needs and food sources. This information is applied through study of the life cycle. *Offered fall semester.*

42. Experimental Foods. 2 hrs.
Experimentation with selected food ingredients, techniques, and equipment. Opportunity for directed study in an individually chosen area. *Prerequisite:* Human Ecology 40. *Offered in alternate years, fall semester.*

43. Cultural Aspects of Foods. 2 hrs.
An historical approach to the importance of foods in today's world. A consideration of food availability, preparation, and the social, cultural and economic implications and nutritive adequacy. *Offered in alternate years.*

44. Advanced Human Nutrition. 3 hrs.
A study of human nutrition, including the chemistry of food nutrients, digestion, absorption, and metabolism. Principles of human nutrition applied to individual, family, community, and world problems. *Prerequisites:* Human Ecology 41; Dietetics students should have completed Biology 9, 10 and Chemistry 41. *Offered spring semester.*

45. Meal Management. 2 hrs.
Management of the selection of food, and the planning, preparation, and serving of family and guest meals, with attention to cultural influences and to resources such as time, money, energy and equipment. *Offered in alternate years, spring semester.*

46. Diet Therapy. **3 hrs.**
Study of diet in pathological conditions, stressing its importance in diseases that can be prevented and/or treated by proper diet. *Prerequisite:* Dietetics students should have completed Human Ecology 44. *Offered in alternate years, fall semester.*

47. Quantity Food Production. **3 hrs.**
Problems in purchasing and preparing food for large groups. Practical experience in planning, preparing and serving. *Offered in alternate years, spring semester.*

48. Institutional Organization and Management. **2 hrs.**
A study of personnel administration, financial management, equipment, and efficient operation of food service in institutions. *Offered in alternate years, fall semester.*

49. Community Nutrition. **2 hrs.**
An integration of knowledge from the natural, social, and behavioral sciences with application to the nutrition-related problems in the community. *Offered in alternate years, spring semester.*

50. Home Equipment. **2 hrs.**
Principles of operation, performance, selection, and care of home equipment.

51. Housing. **2 hrs.**
Study of factors and problems involved in choice of housing for the family; evaluation of dwelling units in terms of family needs and values; considerations in buying, building, and renting. *Offered in alternate years.*

52. Interior Design. **2 hrs.**
A study of the selection of furnishings for the home in relation to interests, activities, needs, quality, economy, aesthetics, and individuality. *Offered in alternate years.*

53. Personal and Family Management. **3 hrs.**
A study of the management process and decisions involving the use of family resources to achieve personal and family goals. *Offered spring semester.*

56. Communications in Human Ecology. **2 hrs.**
Study, demonstration and evaluation of effective methods of communicating general and specialized information to both the professional and the general public. Consideration of long-tested methods of communication; development of new and innovative methods. *Offered in alternate years, spring semester.*

60. Independent Study. **1-3 hrs.**
One area selected for intensive, independent study. *Prerequisites:* One course in area selected and consent of instructor with approval of staff.

61. Special Topics. **1-3 hrs.**
Inquiry into selected topics and issues in the field of Human Ecology pursued through research and workshops.

Library Science

Crutchfield, Cresswell, Martin

The Department of Library Science aims to familiarize students with the full range of library services available today and to improve skill in evaluating, selecting, and using the best sources for their information needs.

Courses 7 through 32 will be offered during the 1988-1990 academic years as a service to enrolled students completing a major in Library Science or certification in School Library Media.

It is strongly recommended that courses be taken in sequence insofar as possible.

3. Literature for Children. **3 hrs.**
A survey of literature for children designed for teachers and librarians in elementary schools. Evaluation, selection and use of books and related materials for children. *Required for early childhood (elementary) teacher education.*

7, 8. Selection of Library Materials for Young Persons and Adults. **Each 2 hrs.**
Criteria for selection of library materials for junior and senior high school groups, as well as adults. Use of standard aids in making selections; general principles of library materials selection; methods of stimulating and guiding effective use of library materials and services, including intellectual freedom; oral and written reviews of appropriate library materials. Lib. Sci. 7 is prerequisite for Lib. Sci. 8.

21, 22. Reference and Bibliography. **Each 3 hrs.**
The philosophy of reference service; evaluation, selection, and use of reference materials for libraries of all types; methods of organizing and transmitting information, including automated systems. *Prerequisite:* Lib. Sci. 1 or permission of the instructor.

31. Organization and Administration. **3 hrs.**
Principles underlying the management of libraries, with attention to forms of organization, financing, housing, personnel, public relations, acquisition and handling of stock, and provision of services. *Prerequisites:* Lib. Sci. 1; any two of 3, 7, 8, 11, 12, 21, 22.

32. Library Practice. **3 hrs.**
Guided practice in all phases of the operation of libraries, including effective use of teaching methods by various age groups. Sixteen clock hours of lecture and discussion and 64 clock hours of practice, distributed among public, public school, and college libraries. *Prerequisite:* Lib. Sci. 31.

50. Basic Library Skills. **1 hr.**
Familiarization with the facilities and services of the West Virginia Wesleyan College Library. Introduction to selected basic reference sources through a series of exercises, each dealing with a specific type of source. A self-paced, pass/fail course useful to all students.

Mathematics and Computer Science

Berry, Clemens, Dandekar, Klausewitz, McWhorter, Sheppard, Wiest

The Department of Mathematics and Computer Science at West Virginia Wesleyan College has designed a modern curriculum representing a broad spectrum of the mathematical sciences, including applied mathematics, computer science, statistics, operations research, teacher education, and pre-graduate mathematics.

Mathematics

The mathematics program at Wesleyan is designed to prepare students for employment as applied mathematicians in industry, for entrance into graduate school, for certification as secondary or elementary teachers of mathematics, or for a variety of careers in other disciplines which require that blend of intuition, formalism, and logic which characterizes the mathematical process.

Graduates who major in mathematics at West Virginia Wesleyan College will be able to:

1) construct appropriate mathematical models which lend to the solution of a problem or the formulation of a theory;

2) use modern formalism to represent and manipulate mathematical models;

3) prove properties of mathematical models in terms of underlying axioms or assumptions;

4) interpret the proven properties of a mathematical model in terms of the problem or theory being modeled;

5) understand the basic notions of algebra, including operations, relations, and morphisms;

6) understand the basic notions of analysis, including limits, continuity, measure, and approximation;

7) pursue further studies in one or more areas of mathematics, including applied mathematics, statistics, operations research, mathematics education, and theoretical mathematics.

Requirement for Mathematics Major:

A minimum of 33 semester hours, including 20, 21, 25, 34, 40, 45, 48, 89. Recommended electives (from courses numbered 30-48, 85) include:

Pre-graduate school: 41.

Applied Mathematics: 30, 32, 38, 85.

Operations Research and Statistics: 38, 85.

Requirement for Mathematics Minor:

17 semester hours, including 20 and 21. The remaining hours must be selected, with the approval of the department, from courses numbered between 25 and 48.

Teacher Education: Wesleyan offers programs leading to certification in mathematics at the middle childhood and adolescent levels (see Department of Education).

Computer Science

The computer science program at Wesleyan is designed to prepare broadly educated analysts for graduate school or employment in the computer field. Most projections indicate that the computer industry, and the need for such analysts, will continue to grow steadily during the next decade. The objectives for the computer science program have been carefully designed to insure that graduates possess the needed breadth and depth in the computing sciences.

Graduates who major in computer science at West Virginia Wesleyan will be able to:

1) recognize problems that can be solved with the aid of computers;

2) design structured algorithms, using various design tools, which solve these problems;

3) use formal and informal verification procedures to test algorithms and programs for correctness;

4) code algorithms into reasonably efficient programs that work correctly, are well documented, and are readable;

5) understand basic computer architectures;

6) understand how the processes of modern operating systems cooperate and compete with each other as they perform their functions;

7) understand how modern programming languages are organized;

8) analyze and use algorithms which represent and transform information structures;

9) pursue advanced studies in one or more areas of computer science.

Requirement for Computer Science Major:

A minimum of 39 semester hours, including 20, 21, 25, 45, 50, 60, 61, 65, 70, 80, 89. 34 and 48 are strongly recommended. Others are to be selected from 32, 38, 85, 88, or Physics 28. Recommended selections are:

Systems Programming: 48;

Information Systems: 38 (Operations Research Model), 48;

Hardware Design: 28, 85, Physics 28; a minor in Physics is recommended.

Requirement for Computer Science Minor:
15 semester hours, including 2, 50, and 60. The remaining hours must be selected, with the approval of the department, from courses numbered between 50 and 89.

Requirement for Major in Computer Information Science:
Math and Computer Science 20, 21, 50, 60, 61, 62, 65, 75, 76, plus a 3-hour elective above number 21: Business 21, 22, 60 or 70, 61, plus a 3-hour elective chosen with advisor's approval. The major includes a minor in Business.

1. Computer Literacy. 3 hrs.
Exposure to existing software through hands-on experience with text editing, text formatting, word processing, spread-sheet implementation, simple data analysis and data processing. The course may be taken by non-majors to fulfill general studies requirements in conjunction with a sequence in science. It does not count toward a Computer Science major or minor.

2. Introduction to Pascal. 3 hrs.
An introduction to the programming language Pascal with experience in computer problem solving techniques through problem analysis and algorithms, transformation of algorithms into the programming language Pascal, and executing and validating the program. Lab problems in areas ranging from numerical computation to simple file processing to simple dynamic data structures. *Prerequisite:* MCS 1 or consent of instructor.

3. Introduction to BASIC. 3 hrs.
A working knowledge of the most widely used programming language, BASIC. Topics will include number handling, program control, arrays, input/output, functions and subroutines, strings and files. Lab experience in generating programmed solutions to commonly encountered problems amenable to computer solution. *Prerequisite:* MCS 1 or consent of instructor.

4. Introduction to COBOL. 3 hrs.
A basic knowledge of the syntax of the COBOL programming language within the constraints of structured programming. Lab concentrates on business problems and includes creating reports from sequential disk data files requiring limited calculations, control breaks, table-lookups and sequential file processing. Prior experience with another programming language is often helpful but not required. *Prerequisite:* MCS 1 or consent of instructor.

7. Introduction to FORTRAN. 3 hrs.
Focus on the FORTRAN language structure and its use in solving problems in the engineering and scientific fields. Certain elements of the computing environment will be studied to supplement the student's knowledge. *Prerequisite:* Consent of instructor.

8. Finite Mathematics I. 3 hrs.
Logic; sets and set operations; solving problems using sets; relations; permutations and combinations; elementary probability and statistics.

9. Finite Mathematics II. 3 hrs.
Additional topics from probability and statistics; vectors, matrices, and determinants; linear programming; introduction to game theory. *Prerequisite:* MCS 8. *Offered alternate years, beginning 1988-89.*

10. College Algebra. 3 hrs.
Quadratic equations and systems of quadratic equations; complex numbers, linear and quadratic inequalities; binomial expansion; determinants; progressions; functions and their graphs; development of other real number system.

13. Trigonometry. 3 hrs.
The trigonometric functions; identities and conditional equations; the inverse trigonometric functions; solutions of triangles; law of sines, cosines, and tangents; radians. *Prerequisite:* MCS 10, or equivalent.

20. Calculus I. 4 hrs.
Analytic geometry of the plane; limits; derivatives of algebraic and transcendental functions; rules for differentiation; implicit differentiation; application of the derivative; Mean Value Theorem; introduction to the integral and its applications; antiderivatives and the Fundamental Theorem of Calculus. *Prerequisites:* MCS 10 and 13 or equivalent, and consent of instructor.

21. Calculus II. 4 hrs.
Techniques of integration; polar coordinates; partial differentiation and applications; indeterminant forms; three dimensional analytic geometry; multiple integration, volumes, surface areas, cylindrical and spherical coordinates; series. *Prerequisite:* MCS 20.

25. Basic Concepts of Mathematics. 3 hrs.
Designed for students planning to continue in Mathematics beyond Calculus. This course should be taken before the junior year. Sets, functions, and relations; formal construction of rational, real and complex number systems; formulating and proving conjectures; analysis of elementary geometries, Boolean algebra and Boolean functions. *Pre- or corequisite:* MCS 21. *Offered spring semesters.*

30. Calculus III. 3 hrs.
Calculus in several variables; line, surface, and volume integrals; gradient, divergence, curl, curvilinear coordinates, Stokes' Theorem; Taylor's series; improper integrals, including the Gamma and Beta functions; transformation of integrals and Jacobians; maxtrix analysis and selected topics from complex variables. *Prerequisite:* MCS 21.

32. Ordinary Differential Equations. 3 hrs.
Techniques for first-order equations, including separation of variables and exact equations; nonlinear equations; homogeneous and non-homogeneous linear equations; Wronskians and linear independence; variation of constants; solution by power series; the Legendre equation; regular singular points. *Prerequisite:* MCS 21.

34. Linear Algebra. 3 hrs.
Vector spaces; linear mappings; matrices; inner products and orthogonality; symmetric, skew-symmetric, and Hermitian forms; eigenvalues and eigenvectors; positive definite linear operators; norms; linear inequalities. *Prerequisite:* MCS 25. *Offered alternate fall semesters, beginning 1988.*

38. Mathematical Modeling. 3 hrs.
Scientific systems analysis, including determination of parameters and variables, formulation of relevant quantitative relationships, structured development of models from submodels, and computer implementation. Students may choose one of 3 models:

1. Biological and Ecological Models. Population modeling and the Lotka-Volterra equations, species competition models, Zoo-distribution models, ecosystem energy flow, genetics and the Hardy-Weinberg Law.
2. Research Models. Subjects selected from linear programming, inventory models, Markov chains, Bayesian methods, queuing models, simulation techniques.
3. Energy and Quantum Models. Physical processess involving Laplace transforms, Fourier series, partial differential equations, harmonic functions, and simulation.

Prerequisite: Model 1: MCS 3, 20. Model 2: MCS 2, 21. Model 3: MCS 3 or 7, 32.

40. Real Analysis I. 3 hrs.
Sequences: continuity and uniform continuity, differentiation and mean value theorems: real line topology, including Bolzano-Weierstrass and Heine-Borel theorems. *Prerequisite:* MCS 25. *Offered alternate years, beginning fall 1988.*

41. Real Analysis II. 3 hrs.
The Riemann integral, mean value theorems; series and power series; uniform convergence, differentiation and integration of series; metrics and metric spaces. *Prerequisite:* MCS 40. *Offered alternate years, beginning spring 1989.*

45. Algebraic Structures. 3 hrs.
Algebraic structures, including groups, rings, and fields; the morphisms and other topics. *Prerequisite:* MCS 25. *Offered alternate fall semesters, beginning 1989.*

48. Probability and Statistics. 3 hrs.
Counting techniques; probability spaces and functions, including independent, binomial, conditional, and Bayes probabilities; distribution theory; testing of simple and composite hypothesis; regression and correlation; distribution-free methods, applications. *Prerequisite:* MCS 21. *Offered alternate spring semesters, beginning 1990.*

50. Computer Science II. 3 hrs.
Introduction to the fundamental forms and concepts of Computer Science. Topics include internal data representation, structured program development using formal design tools, basic language concepts, introduction to data structures, arrays and numerical methods. *Prerequisites:* MCS 2 and 10, or equivalent. *Offered spring semesters.*

60. Fundamentals of Computer Systems. 3 hrs.
Computer architecture and machine language; symbolic coding and assembly systems; macro definition and generation; introduction to operating systems; program segmentation and linkage; construction of elementary assemblers. *Prerequisite:* MCS 50.

61. Data Structures and Algorithm Analysis. 3 hrs.
Study and design of algorithms for unordered sets, graphs, matrices, and vectors. Numerical and seminumerical structures of integer and real numbers and strings; algorithms in text processing, pattern matching; language processing, parsing, storage management; operating systems, scheduling, queues, linked lists; database management, sorting, searching. *Prerequisite:* MCS 60.

62. Systems Analysis. 3 hrs.
Introduction to the techniques and methodologies of systems analysis. Picturing systems analysis as a people-oriented discipline as well as a set of interdisciplinary tools. Topics covered are system definition, system requirements, cost evaluations, system implementation, and PERT/CPM. *Prerequisite:* MCS 50.

65. Computer Architecture. 3 hrs.
Principles of logic design; addressing; central processing units; microprogrammed control; interrupts; arithmetic; memories; interface design; data communications and networking; minicomputers, and microprocessor systems. *Prerequisite:* MCS 50.

70. Operating Systems. 3 hrs.
Organization of computer systems supporting a wide variety of users. Topics include process communication using semaphores and mailboxes; deadlocks; multiprogramming scheduling algorithms; memory management; file system design and management. *Prerequisite:* MCS 61, 65. *Offered alternate years, beginning 1988-89.*

72. Computer Systems Management. 3 hrs.
Study of the management of multi-user computer systems, with hands-on experience with a Digital Equipment Corp. VAX computer. VAX/VMS concepts and architecture, operational techniques, systems configurations and tuning, DCL and system utilities, performance monitoring and computer security. *Prerequisite:* MCS 70.

75. Business File Processing. **3 hrs.**
Control and management of information systems, including requirement analysis, planning, specification, implementation and maintenance. The use of the COBOL programming language will be used to study item, record, file, and database definition. Sequential, random, indexed, and database access methods will be studied. *Prerequisite:* MCS 4. Does not count toward a CS major.

76. Database Management Systems Design. **3 hrs.**
Data models, including entity sets, attribute relationships, and associations; normalization of data; data languages; comparison of hierarchical, network, and relational systems; implementation considerations; integrity and security issues; examination of real systems. *Prerequisite:* MCS 75. Does not count toward a CS major.

80. Organization of Programming Languages. **3 hrs.**
Formal analysis of computer programming languages. Topics include information binding, scope rules, execution environments, control structures, formal grammars and automata. Examples include Pascal, ALGOL, LISP, C, APL, PL/I, SNOBOL, and other languages. *Prerequisites:* MCS 45 and 61. *Offered alternate spring semesters, beginning 1990.*

85. Numerical Methods. **3 hrs.**
Introduction to floating point arithmetic and the use of mathematical subroutine packages. Interpolation, approximation, integration, differentiation, linear and nonlinear equations and differential equations are explained and studied. *Prerequisites:* MCS 2 or 3, 34. *Offered alternate spring semesters beginning 1989.*

86. Microprocessors. **3 hrs.**
Introduction to the hardware and software aspects of microprocessors. Interfacing techniques, interrupt structures, memory-mapped I/O ports and stacks. Laboratory included. *Prerequisites:* Phys./Eng. 28, MCS 7.

88. Special Topics. **1-3 hrs.**
This course may be repeated, provided that different topics are covered each time. No topic may duplicate a course already listed in the catalog. Topics may include, but are not limited to Artificial Intelligence, Analysis of Algorithms, Theory of Computing, Graphics, Robotics, Topology, Foundations of Mathematics, and Partial Differential Equations. *Prerequisite:* Consent of the instructor. *Offered as needed.*

89. Seminar. **1 hr.**
Required of and restricted to senior Mathematics and Computer Science majors. Research in a nontrivial area of the mathematical sciences which builds on and extends the student's background. *Offered every spring semester.*

Modern Languages

Trusler, French; *Hamner*, German; *Gurdak*, Chinese.

Courses in this department are designed to teach spoken as well as written French, German and Chinese. All courses are not available every year. Students should consult the department chair about scheduling.

Students interested in languages other than French, German and Chinese may make arrangements through the Language Department for summer study in a variety of programs, in the United States as well as in many foreign countries. Language credit earned in American institutions is transferred in the normal manner. Students interested in study abroad credit for language study in a foreign institution should consult with a member of the department and a counselor in the Academic Advising Office.

Note: Students interested in New Testament Greek should consult the course listings for the Department of Religion.

French

Students enrolled in introductory and intermediate courses will take a placement test to determine the level of their achievement.

Requirement for Major:

24 semester hours above French 11, chosen in consultation with advisor, including 9 semester hours of French literature and 1 hour of phonetics.

Students majoring in French are required to spend one year in a French-speaking country; they must complete at least 6 semester hours in French at Wesleyan before their departure and at least 3 hours upon return.

Requirement for Minor:

6 hours above French 11, chosen in consultation with advisor.

1, 2. Introductory French. **2, 3 hrs.**
A course designed to give the student basic fluency in the four language skills: comprehension, speaking, reading and writing.

3. Introduction to France. **1 hr.**
Lecture and discussion in English regarding French civilization, with a special emphasis on ways of approaching a foreign culture.

10, 11. Intermediate French. Each 3 hrs.
A course conducted in French designed to continue development in basic language skills. *Prerequisite:* French 2 or equivalent.

12, 13. Conversational French. Each 1 hr.
A course designed to develop additional fluency in spoken French. Directed and free discussion. *Prerequisite:* French 10 or permission of the instructor.

14. French Phonetics. 1 hr.
Lectures on the subject of phonetic analysis; laboratory practice; oral student presentation of prepared texts.

20, 21. Advanced French. Each 3 hrs.
An advanced study of the written and spoken language with readings and discussions related to France and to topics of current interest. *Prerequisite:* French 11 or equivalent.

30, 31. Survey of French Literature. Each 3 hrs.
A lecture-discussion course presenting a chronological survey of the masterpieces of French literature from the medieval to modern periods. *Prerequisite:* French 21 or the permission of the instructor.

40. Directed Readings in French. Each 1-3 hrs.
Prerequisite: French 31 or permission of the instructor. *This course may be repeated for credit if a new topic is chosen.*

German

Requirement for Minor:

6 semester hours above German 12. The minor in German is normally available only to students who undertake additional study at another institution. Arrangements may be made through the Language Department for summer study at all levels in programs both in the United States and in German-speaking countries.

1, 2. Introductory German. Each 3 hrs.
A course for beginners, conducted largely in German. Designed to develop basic competence in the four language skills: comprehension, speaking, reading and writing. *Minimum one hour per week of laboratory.*

11. Intermediate German: Reading. 2 hrs.
A reading skills course incorporating a review of basic grammar and vocabulary development. *Prerequisite:* German 2 or two years of high school German.

12. Intermediate German: Listening and Speaking. 2 hrs.
A course designed to develop speaking and comprehension skills. *Minimum: one hour laboratory per week. Prerequisite:* German 2 or two years of high school German.

13. Intermediate German: Grammar and Syntax. 2 hrs.
A course designed to develop skill in writing. *Prerequisite:* German 2 or two years of high school German.

21. Special Topics. 1-2 hrs.
An independent-study course in one of four areas: vocabulary development, reading in history, theology or science, German culture, survey of German literature. May be repeated in different topics. *Prerequisite:* German 11, 12, 13 or its equivalent.

Contemporary Chinese

A two-year sequence of courses will introduce the student to the basic elements of the contemporary Chinese language. In addition to an emphasis on oral and reading skills, the language study will be used as an instrument for introducing elements of historical and contemporary Chinese culture.

A student completing the sequence can expect:

1) to be able to read, with the assistance of a dictionary, most current newspapers and magazines.

2) to be able to carry on basic daily Chinese conversation.

3) to be able to develop and expand facility in the language through continued self-study.

4) to be able to continue the study in graduate school as a research language or in a program of Chinese language and literature.

11. Introductory Chinese I. 3 hrs.
The tonal nature of the Chinese language; the structure of the graph; systems of romanization; elementary grammar; conversational practice.

12. Introductory Chinese II. 3 hrs.
Elementary grammar; conversational idioms; conversational practice.

21. Intermediate Chinese I. 3 hrs.
Intermediate grammar; elements of style in composition; proper names and place names; conversational practice.

22. Intermediate Chinese II. 3 hrs.
Intermediate grammar; elements of style in composition; conversational practice; reading selected articles from contemporary newspapers and magazines.

Music

Milburn, Dees, DiGiustino, Hamilton, Loftis, Parsons

It is the purpose of the Department of Music to afford students an opportunity to develop an understanding and appreciation of music, and to become accomplished musicians. The degree of Bachelor of Music Education is designed specifically for students preparing for the teaching profession. The degree of Bachelor of Arts is designed to accommodate those students wishing a liberal arts degree or wishing to emphasize a particular aspect such as performance or theory in their study. Various options for a contract major combining music with other disciplines, such as business or Christian education, are possible. All curricula offered provide a strong foundation for graduate study.

Students wishing to major in music are admitted to the program provisionally according to a placement audition in applied music during the first month of study. At the end of the fourth semester an evaluation of the progress made in both musical and academic studies will be made by the music faculty and, after a private conference with the student, a decision regarding admission to the program will be made.

The Music curriculum is competency-based. Each candidate for a degree in music must satisfactorily complete all the competencies currently required in order to be cleared for graduation. The administration of the program is explained to every new student during the first semester of residence.

In addition to offering the curricula for students who major in music, the department also provides service courses for students who wish to obtain a minor in music and for others seeking musical enrichment experiences.

The Music Department is a fully accredited member of the National Association of Schools of Music and endorses the statement on Basic Musicianship adopted by this national accrediting organization. We recognize that all musicians, whether performers, composers, scholars, or teachers, share common professional needs, since every musician must to some extent be a performer, a listener, an historian, a composer, a theorist, and a teacher. Every attempt is made to develop basic musicianship in studies which provide the student with the following:

1) A conceptual understanding of such musical properties as sound, rhythm, melody, harmony, texture and form; and opportunities for developing a grasp of their interrelationships as they form the cognitive-affective basis for listening, composing and performing;
2) Repeated opportunities for enacting in a variety of ways the roles of listener (analysis), performer (interpretation), composer (creation), and scholar (research);
3) A repertory for study that embraces all cultures and historical periods.

Requirement for the Degree of Bachelor of Music Education:

54-57 semester hours of music courses, including 1, 2, 6 and 7 (for non-voice majors), 8, 9, 10, 11, 12, 13, 14, 17 (voice majors only), 20, 21, 22, 25, 26, 27, 30, 31, 41 and 42. All candidates for this degree are required to attain a minimum of level 8 in their chosen field of applied music, which is normally achieved by a maximum of 14 semester hours of study, and to present an assisted recital on their major instrument in their junior or senior year (with or without 1 hour credit). All non-keyboard majors are required to attain a level 2 in piano, which is normally achieved by a maximum of four semester hours of study. All candidates for this degree are expected to participate in at least one ensemble each semester, with or without credit, and to establish a minimum of 4 semester hours credit in ensemble. No more than 4 ensemble credits may apply toward the 128-hour minimum required for graduation.

This curriculum includes 22 semester hours of professional education, including Education 2, 3, 4, 8, 15, 65, 49 and 69. This curriculum also includes courses currently required by the West Virginia Department of Education for *all* teacher certificates, and/or by West Virginia Wesleyan College for *all* degrees. It also includes sufficient hours for a minor in Education.

Requirement for Degree of Bachelor of Arts in Music:

51 semester hours, including 1, 2, 17 (voice majors only), 20, 21, 22, 26 and 27, attainment of level 6 in one area of applied music, four hours of ensemble and music electives to complete 51 hours. Students wishing to complete an applied music emphasis must attain a level 10 in one area of performance and give a full recital (with or without one hour credit). Students wishing to complete a theory emphasis must attain a level 6 in piano and complete a special project in musical research, analysis or composition during their senior year, the results of which will be shared publicly through a recital, lecture or lecture-recital. All candidates for this degree are expected to participate in at least one ensemble each semester, with or without credit. No more than 4 ensemble credits may apply toward the 128-hour minimum required for graduation.

Students majoring in music must obtain the permission of their applied music instructor before participating in any solo performance not sponsored by the department.

Requirement for Minor:
15 semester hours, including 1, 23, sufficient study in chosen field of applied music to attain level 4, 2 semester hours of ensemble and 2 semester hours of electives in music.

1. Basic Musicianship I. **4 hrs.**
Review of mechanics and music fundamentals. An integrated study of basic musical units through development of individual skills in music listening, performance, composition, analysis and criticism, incorporating the principles of comprehensive musicianship. Class meets five hours per week.

2. Basic Musicianship II. **4 hrs.**
Continues Music 1. Class meets five hours per week. *Prerequisite:* Music 1.

4. Introduction to Music for the Non-Music Major. **2 hrs.**
A course designed to assist students not majoring in music to develop an understanding and appreciation of concert music through directed group listening.

6, 7. Fundamentals of Voice I, II. **Each 1 hr.**
Class instruction in the development and basic techniques of the singing voice. Designed for non-voice majors in Music Education. Two periods weekly.

8, 9. Woodwind Instruments I, II. **Each 1 hr.**
Class instruction in the fundamentals of the various woodwind instruments. Limited to music majors and minors. Two periods weekly.

10, 11. Brass Instruments I, II. **Each 1 hr.**
Class instruction in the fundamentals of the various brass instruments. Limited to music majors and minors. Two periods weekly.

12, 13. Stringed Instruments I, II. **Each 1 hr.**
Class instruction in the various orchestral instruments of the string family. Limited to music majors and minors. Two periods weekly.

14. Percussion. **1 hr.**
Class instruction in the various instruments of the percussion family. Limited to music majors and minors. Two periods weekly.

15. Hymnology. **2 hrs.**
A study of the hymns of the Christian church.

16. Marching Band Techniques. **1 hr.**
A study of marching fundamentals, band pageantry, football show planning, charting of maneuvers, and selection and adaptation of music for the marching band.

17. Diction. **2 hrs.**
An introduction to French, German, and Italian diction. *Required in freshman year of all voice majors.*

18. Introduction to Music Education for the Classroom Teacher. **2 hrs.**
A study of music fundamentals, including rhythm, melody, harmony, timbre and form. Also included are mechanics of notation, sight singing, work with melody and rhythm instruments and simple chordal accompaniments at the keyboard or with guitar.

19. Music Methods and Materials for the Classroom Teacher. **2 hrs.**
Continuation of first semester work in music fundamentals as needed. Exploration of various music series books and other resources. Cultivation of an awareness of the contribution of music to society and the development of desirable objectives for the music program in each grade level. *Prerequisite:* Music 18 or permission of instructor.

20. Advanced Musicianship I. **5 hrs.**
Continues Music 2. Class meets five hours per week. *Prerequisite:* Music 2.

21. Advanced Musicianship II. **5 hrs.**
Continues Music 20. Class meets five hours per week. *Prerequisite:* Music 20.

22. Advanced Musicianship III. **4 hrs.**
Continues Music 21. Class meets five hours per week. *Prerequisite:* Music 21.

23. Music Appreciation for the Music Minor. **2 hrs.**
A study of selected music literature designed as a continuation of Music 1. *Prerequisite:* Music 1.

24. Counterpoint. **2 hrs.**
Study of the tonal counterpoint of the eighteenth and nineteenth centuries with emphasis on Bach. *Prerequisite:* Music 21.

25. Orchestration. **2 hrs.**
Study of range, use, and characteristics of orchestral and band instruments. Scoring for various instrumental combinations. The student is required to make at least one symphonic arrangement from a piano score. *Prerequisite:* Music 20.

26, 27. History of Music I, II. Each 3 hrs.
Study of the development and social background of musical composition and performance. Music 26 follows this development to 1750; Music 27, since 1750. *Prerequisite:* Music 21 or consent of instructor.

29. Survey of Church Music. 3 hrs.
A survey of the organizational aspects of a multiple choir program, incorporating an introduction to the liturgies of the major denominations.

30. Instrumental Conducting. 2 hrs.
Techniques of organizing and conducting band and orchestra; principles of interpretation, score reading; practice conducting. *Prerequisite:* Music 21 or permission of instructor.

31. Choral Conducting. 2 hrs.
Techniques of choral conducting; factors involved in choral interpretation, selection of materials, organization and administration of choral work. Practice in conducting. *Prerequisite:* Music 21 or permission of instructor.

35. Literature of Keyboard Music. 2 hrs.
Historical survey of repertoire written for harpsichord, clavichord and piano, covering various styles and principal works from the early keyboard composers of the seventeenth century to the twentieth century, from the standpoint of teaching and aesthetic value. *Prerequisite:* consent of instructor.

36. Literature of Instrumental Music. 2 hrs.
Literature for solo instruments, chamber music, and orchestra from the standpoint of teaching and aesthetic value. *Prerequisite:* consent of instructor.

37. Literature of Vocal Music. 2 hrs.
A study of typical works for solo voice representing various styles and periods of musical compositions. *Prerequisite:* consent of instructor.

38. Literature of Choral Music. 2 hrs.
A survey of the literature of choral music, including anthems, cantatas, and oratorios. *Prerequisite:* consent of instructor.

39. Literature of Organ Music. 2 hrs.
A survey of literature for organ, from the sixteenth century to the present. *Prerequisite:* consent of instructor.

41. Early and Middle Childhood Methods for the Music Specialist. 4 hrs.
The study of various philosophies of music education and their application in the use of singing, listening, rhythmic and creative activities to achieve the objectives of early and middle childhood musical growth. Lab. *Prerequisite:* Admittance to the Teacher Education program and approval of music faculty.

42. Adolescent Methods for the Music Specialist. 3 hrs.
The study of adolescent music education, including instrumental and vocal programs on the adolescent level, including concert and marching band, orchestra, high school choir, madrigal group, as well as elective music courses. *Prerequisite:* Admittance to the Teacher Education program and approval of music faculty.

44. Special Topics. 1-4 hrs.
Independent inquiry, research or a formally structured pursuit of a specific topic in music, possibly involving interdisciplinary reference. This course is not considered the equivalent of any required course in the department and may be repeated to a total of four hours. *Prerequisite:* Approval of instructor and departmental chairman.

46. Opera Workshop. 1-3 hrs.
Study of the principles, techniques and direction of operatic productions through class presentation of scenes and staging of a complete work. May be repeated for a maximum of 3 hrs. of credit. *Prerequisite:* Permission of instructor.

49. Ensemble. Each 1 hr.
Study and performance of works for choral or instrumental groups, including Concert Chorale, Choral Union, various instrumental ensembles, jazz ensemble and band.

Applied Music

Applied Music study is based on a system of proficiency levels. Each entering freshman is assigned a level on the basis of an audition and interview, with the normal expectation of advancement of one level per semester. Level descriptions are available in each area of applied music.

The minimum level requirements for graduation are: Bachelor of Music Education: Level 8; Bachelor of Arts, Level 6 (except for students wishing to complete an emphasis in applied music, who must attain Level 10).

The minimum level requirement for a music minor is Level 4 in chosen area.

Although applied music requirements are stated in terms of specific proficiency levels, the schedule of normal advancement toward the desired goal may be measured in terms of semester hours of study.

To earn three semester hours of credit in applied music, a student must have attained at least a Level 5.

Music majors normally earn credit in their chosen field of applied music at the rate of at least two semester hours each semester until their required achievement level is attained.

Students are accepted for applied study as faculty loads permit in the following order of priority: music majors, music minors, non-majors currently participating in a departmental ensemble, others.

51. Baritone Horn, Tuba. **1-3 hrs.**

52. Bassoon. **1-3 hrs.**

53. Cello, String Bass. **1-3 hrs.**

54. Clarinet. **1-3 hrs.**

55. Cornet-Trumpet. **1-3 hrs.**

56. Flute, Piccolo. **1-3 hrs.**

57. French Horn. **1-3 hrs.**

58. Oboe, English Horn. **1-3 hrs.**

59. Organ. **1-3 hrs.**

60. Piano. **1-3 hrs.**

61. Percussion. **1-3 hrs.**

62. Saxophone. **1-3 hrs.**

63. Trombone. **1-3 hrs.**

64. Violin, Viola. **1-3 hrs.**

65. Voice. **1-3 hrs.**

68. Half Recital. **1 hr.**
Prerequisite: Level 8.

69. Full Recital. **1 hr.**
Prerequisite: Level 10.

Courses Available for M.Ed. Program

Students pursuing the Master of Education degree whose teaching emphasis is music would appropriately include the following courses in their program of study. Information on this curriculum for educational personnel appears in the Graduate Programs in Teaching section of the catalog.

70. Advanced Conducting. **3 hrs.**
An in-depth study of the manual techniques of conducting, rehearsal techniques and procedures. The course is designed to introduce the instrumental conductor to choral techniques and the choral conductor to instrumental techniques.

71. Score Reading and Preparation. **3 hrs.**
A course emphasizing the techniques of reading and analyzing symphonic, choral, wind band and other scores from the initial reading of a score through to a hypothetical performance.

72. Performance Practice. **3 hrs.**
A survey of vocal and instrumental performance from the Renaissance through the Baroque period, with particular emphasis upon the question of vocal and instrumental sound, articulation and ornamentation.

73. Survey of Wind Band and Ensemble Literature. **3 hrs.**
A course involving the study of original wind literature from the Renaissance to the present with emphasis on the use of the literature in the school instrumental curriculum.

74. Advanced Choral Literature. **3 hrs.**
A survey of choral literature from the Renaissance to the present with particular emphasis upon major examples from the various choral genres.

75. Seminar in Conducting. **3 hrs.**
A seminar addressing itself to particular conducting problems of individual works. Emphasis is placed upon giving students an opportunity to develop their strengths and weaknesses.

76. Music Theory Seminar. **3 hrs.**
A study of the theoretical bases of music in a variety of styles and the appropriate application of these bases in music education.

77. Music in the Classic and Romantic Periods. **3 hrs.**
A survey of music composed between 1750 and 1900, with emphasis on the development of important genres such as opera and the symphony.

Nursing

O'Dell, Campbell, Jackson, McKinney, Moore

The goal of the nursing faculty is to provide an educational program which graduates a nurse generalist, competent to use the nursing process in professional practice and possessing a foundation for graduate study in nursing.

Wesleyan's program is accredited by the Council of Baccalaureate and Higher Degree Programs of the National League for Nursing, and by the West Virginia Board of Examiners for Registered Nurses. On graduation the Wesleyan nurse meets the educational requirements to write the state licensure exams and is qualified for beginning level positions in various fields of nursing practice.

Admission

Qualified high school graduates may be accepted by the College as pre-nursing majors. Recommended high school studies include chemistry, biology, English, mathematics, and physics.

Freshmen who wish to apply in nursing must, during the second semester, file with the Nursing Department for admission to the clinical component of the program the following fall. Admission is based on academic ability determined by a grade point average of 2.50 or higher, a grade of "C" or higher in each prerequisite support course, and satisfactory completion of the pre-professional nursing course. Qualifications will be evaluated by a committee of the nursing faculty.

Admission with Advanced Standing

Applications for admission with advanced placement in nursing will be assessed by a committee of the nursing faculty, whose recommendations will guide the Admission and Registrar's Offices. Neither the Admission Office nor the nursing faculty can estimate the time required for completion of the Wesleyan program until a transcript of previous work and descriptions of the courses taken are submitted and evaluated.

Admission of students who were deficient at the end of the freshman year but met the requirements subsequently, as well as readmission of students who discontinued the program because of unsatisfactory grades, will be evaluated on an individual basis and, in all cases, be subject to space available.

Program

The basic program is structured for completion in four academic years. Students carry a heavy academic load during the freshman and sophomore years and need to plan their schedules in close consultation with advisors. Students with less background in the natural sciences and mathematics are urged to take steps to lighten their class loads by taking selected courses during the summer before their freshman and sophomore years. The development of cognitive skills is the hallmark of a baccalaureate program; hence emphasis must be placed on developing a solid knowledge base and the ability to use it.

Students are required to earn at least a grade of "C" in both theory and clinical components of each nursing course, as well as each prerequisite support course, before proceeding in the program. A course with an unsatisfactory grade may be repeated only once.

It should be noted that not all courses are offered each semester, so that an unsatisfactory grade in a requisite course may mean that degree requirements can not be met in four academic years.

Registered Nurse Plan

The Department of Nursing offers graduates of diploma and associate degree programs the opportunity to complete requirements for the baccalaureate degree in nursing. Registered nurse applicants are admitted to the College as nursing majors. Acceptance and placement within the nursing program depend upon the individual's academic record and successful completion of the National League for Nursing Mobility Profile II. The registered nurse student is awarded 30 nursing credit hours upon completion of the NLN Mobility Profile II. Credit earned at another accredited college or university will be accepted for courses compatible with Wesleyan courses (refer to catalog section, Admission of Transfer Students). A license to practice nursing and a grade point average of 2.25 or better are required. RN's with a GPA of less than 2.25 may petition, in writing, the Nursing Department's Academic Standards and Review Committee for special consideration.

Registered nurse students are required to meet the General Studies curriculum and graduation requirements as outlined in the college catalog. They are required to establish credit for Nursing 11, 12, 13, 21, and 22 and to take Nursing 36, 37, and 38. Credit for all required nursing courses must be established by enrollment or examination.

School Nurse Certification

The Department of Nursing is approved by the West Virginia State Board of Education to offer a School Nurse Certification Program. Practicing nurses and students who complete the nursing program at Wesleyan meet the following criteria to become eligible to apply for School Nurse Certification from the West Virginia State Board of Education:

1) Bachelor of Science degree in nursing
2) Successful completion of Education 59, Public Education and School Nursing
3) Successful completion of the Pre-Professional Skills Test (PPST) and
4) Current license to practice as a Registered Professional Nurse in West Virginia

Resources

Middleton Hall, a modern, well-equipped building, provides faculty offices, class and seminar rooms, as well as skills and audio-visual laboratories. Nursing students have clinical laboratory experience in a variety of settings, including small community hospitals and nursing homes as well as larger more sophisticated acute care institutions. Responding to current trends in health care, nursing in health promotion and maintenance is emphasized and utilizes a wide variety of community resources such as county health departments, home health care agencies, and community mental health agencies. The health care institutions and agencies in Buckhannon, Clarksburg, Elkins and Weston provide a broad spectrum of clinical learning experiences.

Requirement for Major:

51 semester hours in Nursing; 40 hours of support courses, primarily in natural and behavioral sciences (Biology 1, 9, 10, 13; Chemistry 5, 6; Psychology 1, 24, 25; Sociology 2; Human Ecology 41; English 1). Students should follow sequential schedule recommendations of advisors in the department.

1. Preprofessional Nursing. **1 hr.**
An introduction to the nursing program. The historical development and social forces which have led nursing to its current status are discussed. The nursing process, the scientific method of inquiry, and the multiplicity of roles in nursing are presented.

11. Nursing I. **3 hrs.**
Theory **2 hrs.**
Clinical Experience **1 hr.**
Introduces concepts and principles of nursing in relation to health promotion for individuals, families, and community. The student develops intellectual and caring skills in the practice of nursing. Theory and clinical are concurrent.

12. Nursing II. **3 hrs.**
Theory **1 hr.**
Clinical Experience **2 hrs.**
Building on Nursing I, this course focuses on developing psychomotor skills associated with nursing interventions. Clinical practice provides experiences for the student to apply concepts and principles from Nursing I.

13. Nursing III. **4 hrs.**
Theory **2 hrs.**
Clinical Experience **2 hrs.**
Continuation of Nursing I and II. Emphasis is on the nursing process as it relates to the dynamics of family living. The nursing process provides the framework for identification of human needs, moving from simple to more complex situations. Theory and clinical are concurrent.

21. Nursing IV. **10 hrs.**
Theory **7 hrs.**
Clinical Experience **3 hrs.**
Focus on the health care of children and adults in the hospital and other community settings. Emphasis is on utilization of the nursing process for clients with alterations in growth and development, protective physiological mechanisms, gaseous exchange, and psychosocial functioning.

22. Nursing V. **10 hrs.**
Theory **7 hrs.**
Clinical Experience **3 hrs.**
Continuation of Nursing IV. The nursing process continues to be the unifying focus for clients with alterations in psychosocial functioning, nutrition, metabolism and elimination, sensorimotor functioning, and growth and development. Theory and clinical are concurrent.

31. Nursing VI. **10 hrs.**
Theory **7 hrs.**
Clinical Experience **3 hrs.**
This course is designed for the student to utilize, with minimal supervision, the nursing process in the resolution of nursing problems. The student, through the incorporation of the multiple roles in nursing, is expected to utilize leadership skills in promoting maintenance, restoration, and rehabilitation of clients' adaptive responses. Past, present and future issues in nursing are examined and applied to the nursing process. Clinical activities in a variety of settings are designed to provide opportunities for independent judgment and decision making in organizing and implementing the care for individuals, families, and communities with multiple threats to health.

32. Nursing VII. 10 hrs.
Theory 7 hrs.
Clinical Experience 3 hrs.
Continuation of Nursing VI with the emphasis on role transition from student to professional practitioner. Through integration and synthesis of previously acquired knowledge from support and nursing courses, the student will demonstrate competence required of a beginning practitioner of nursing. Clinical application of theory is implemented concurrently in a variety of settings.

36. Transition to Professional Nursing. 3 hrs.
Orientation of practicing registered nurses to the philosophy of Wesleyan's nursing curriculum and to professional nursing. Emphasis on developing the student's knowledge base for application in any area of nursing practice. *Prerequisite:* Admission to Registered Nurse Plan.

37. Advanced Nursing Concepts I. 9 hrs.
A course to assist the student to become a professional practitioner and leader. Past, present and future issues in nursing are considered. Clinical activities in varied settings provide opportunities for independent judgment and decision-making in organizing and implementing care for clients with multiple needs. *Prerequisite:* Nursing 36.

38. Advanced Nursing Concepts II. 9 hrs.
Continuation of Nursing 37. The student is expected to use leadership skills in organizing and implementing care for clients (individuals, families, groups, communities) with multiple needs. The student will continue to examine issues relevant to nursing and the advancement of the nursing profession, with an emphasis on research. *Prerequisite:* Nursing 37.

Philosophy

Keating, Morrissette

Studies in philosophy develop critical thinking and the formulation of world views and values about life. Such skills are valuable for many professional careers in the law, the ministry, business, public policy and higher education.

The department considers the love of wisdom to be a liberating discipline that is relevant to each other body of knowledge, theoretical and practical. It presents the major perspectives of philosophy, both historical and contemporary, including empiricism, naturalism, pragmatism, idealism, existentialism, and analysis. Majors in the department have found philosophy fruitful for various fields of further study and for careers in diverse areas.

Requirement for Major:
Twenty-seven semester hours in the department including 3; 10 or 11 or 15; 20, 21, and 22; 44.

Requirement for Minor:
Eighteen semester hours in the department including logic, one course from 10-19, and one from 20-29.

1. Introduction to Philosophical Thinking: Reason and Values. 3 hrs.
An introduction to thinking about basic questions of knowledge, reality, and value, through analysis of readings in the sciences, literature, and practical topics related to careers. *Open only to freshmen.*

3. Logic. 3 hrs.
An introduction to deductive and inductive logic and their application. Symbolic logic, both sentential and predicate, as they include traditional logic; and an examination of fallacious reasoning in everyday discourse.

5. Problems of Philosophy. 3 hrs.
An introduction to problems in values, knowledge, and reality, and methods of analysis, criticism, and constructive reasoning.

10. Ethics. 3 hrs.
Values as related to the practical reasoning about what one does; problems in the justification of moral principles; applications to case problems in business, medicine, politics; and inquiry into what one lives one's life for.

11. Christian Ethics. 3 hrs.
Philosophical examination of issues in religious ethics, with special attention to the analysis of the concept of love and to justifications based on the divine nature; application to cases both in personal conduct and in society.

15. Aesthetics. 3 hrs.
The philosophy of the arts and the foundations of art criticism. Examination of interpretations of the nature of art, of creativity, of aesthetic experience, of symbolism, and of beauty.

20. Classical Philosophy. 4 hrs.
Some major themes in the early history of philosophy from the pre-Socratics, through Plato and Aristotle, Hellenism, and Christian philosophical theology in Augustine, Aquinas, Scotus, and others. Emphasis on realism about universals and on the objectivity of value.

21. Modern Philosophy. 4 hrs.
The history of philosophy continued from the Renaissance through the eighteenth century, with emphasis on the British empiricists and continental rationalists. Special attention to theories of the relation of mind to body and to the problem of perception, as they lead to the Kantian solution.

22. Recent Philosophy. 4 hrs.
The history of philosophy in the nineteenth and twentieth centuries, with attention to the concept of the person in idealism and existentialism, and to the challenge of positivism and the rise of analytic methods which supersede that doctrine.

23. Oriental Philosophy. 3 hrs.
A survey of representative philosophical schools in India and China, including Hindu, Buddhist and Confucian epistemology and metaphysics, with emphasis on the concepts of personal identity and on principles of human relations.

30. Philosophy of History. 3 hrs.
Inquiry into the major philosophies of history, both speculative and analytic; problems in values emphasized in the context of the interpretation of the meaning of the human experience.

31. Philosophy of Mind. 3 hrs.
Analysis of some particular features of thinking such as intending, conceiving, imagining, remembering, and deciding. Can I feel your pain? Does physics describe all the things there are in the world, or does thinking involve things the laws of physics do not cover?

34. Philosophy of Religion. 3 hrs.
Analysis of problems arising in Christian frameworks of thought, such as the problem of evil, the existence of the traditional God, the meaning of religious language, and the relation between reason, faith, and revelation; emphasis is placed on constructive solutions.

35. Philosophy of Science. 3 hrs.
Can scientific knowledge be built up systematically only from observations and experiments? What role do values play in science? What criteria are there to decide between competing theories about the same phenomena?

36. Society and Values. 3 hrs.
Social philosophy concentrating on the concepts and methods of the social sciences, with particular attention to public policy issues which involve normative considerations of justice, freedom, equality, order and human rights.

37. Philosophy of Education. 3 hrs.
Philosophical examination of theories of education from Plato to Dewey in the light of good aims in life and in society, with attention to the place of mind, reason, and ethics in the schools in contemporary analyses.

40, 41. Topics. Each 3 hrs.
Directed readings and tutorials in selected topics. *Prerequisites:* One other course in the department and consent of the instructor.

44. Metaphysics and Epistemology. 3 hrs.
Analysis of topics about knowledge and reality. How does thought correspond to different kinds of objects in the world? *Prerequisite:* At least one course from among 5, 20, 21, 22.

46, 47. Seminar. Each 2 hrs.
Independent study in a system of thought or on a topic. An option to write a senior thesis. Critical discussion between members of the seminar. *Prerequisite:* Major or minor in the department.

Physics and Engineering

Wiest, Chelf, Hickman, Klausewitz, McWhorter, Sheppard

The Department of Physics and Engineering is a multidisciplinary department including the areas of astronomy, geology, physics, engineering, and physical sciences for the non-science majors. The program provides for a B.A. major and minor in physics, a B.S. degree in electrical engineering to prepare students for solid state circuit design communications, and a B.S. degree in engineering physics to prepare students to work in technological development. A cooperative four-one program leads to an M.S. degree in aeronautical engineering, and students interested in working in the area of radiation protection may develop a health physics emphasis (consult departmental advisor).

B.A. Major in Physics:
Math 20, 21, 32, plus 26 semester hours of physics which must include 11, 12, 21, 22, 34, 36, 38 (or Chemistry 45), 52.

Minor in Physics:
16 semester hours of physics from the above list of courses available for the B.A. major.

B.S. Major in Engineering Physics:
Physics-Engineering 11, 12, 21, 22, 23, 24, 27, 34, 36, 39, 41, 42, 43, 48, 52; Chemistry 1, 2, 45 (or Physics 38); Math and Computer Science 7, 10, 13, 20, 21, 30, 32, 38, 48. (Students with strong backgrounds in algebra and trigonometry may begin math study with 20.)

B.S. Major in Electrical Engineering:
Physics-Engineering 11, 12, 21, 22, 23, 24, 27, 28, 31, 32, 34, 35, 38, 42, 43, 48, 52, 54; Math and Computer Science 7, 20, 21, 30, 32, 38, 48, 86; Chemistry 1, 2.

Cooperative Major in Aeronautical Engineering:
A five-year program leading to the M.S. degree: Physics-Engineering 11, 12, 22, 23, 24, 27, 34, 36, 37, 38, 39, 41, 42, 43, 51, 52; Math and Computer Science 7, 20, 21, 30, 32, 38, 48, 85; Chemistry 1, 2; one year at NASA-Langley Research Center (3.0 GPA required for acceptance). The program is administered by the Joint Institute for Advancement of Flight Sciences.

1, 2. Concepts of Physical Science I, II. **Each 3 hrs.**
An introductory course in physical principles for non-science majors. The course emphasizes classical as well as modern theories of science and their practical applications to everyday living. Lectures, demonstrations and laboratory experiences. *Prerequisite:* Proficiency in basic algebra or permission of instructor. 1 is prerequisite for 2.

3, 4. Physical Science for Teachers I, II. **Each 3 hrs.**
An introductory course in the physical sciences for elementary education majors with emphasis on teaching methods. Consists of both lecture and laboratory experiences. *Freshman or sophomore year only.* 3 is prerequisite for 4.

5, 6. Geology I, II. **Each 3 hrs.**
A general introduction to the study of the earth including the processes operating on and within the earth. A physical and biological history of the earth. Lecture and laboratory experiences. 5 is prerequisite for 6.

7, 8. Astronomy I, II. **Each 3 hrs.**
A general introduction to the study of astronomy. Composition, structure, motion and evolution of the universe. Lecture and laboratory experiences. 7 is prerequisite for 8.

11, 12. General Physics I, II. **Each 4 hrs.**
An introductory course in mechanics, heat, sound, electricity, magnetism, and light designed for the science major. Consists of both lecture and laboratory. *Prerequisites:* Demonstrated knowledge of algebra and trigonometry. 11 is prerequisite for 12.

21. Light and Atomic Physics. **3 hrs.**
Kinetic theory, charged subatomic particles, atomic interactions with radiation, photon mechanics and relativity, Bohr theory, quantum mechanics, quantum theory of solids. *Prerequisite:* Phys./Eng. 12. *Corequisite:* Math 20.

22. Light and Atomic Physics Laboratory. **1 hr.**
Experiments in physical optics, atomic absorption and emission of light, microwaves, ratio of electronic charge to mass, x-rays and crystal structure, cloud chamber, nuclear magnetic resonance. *Corequisite:* Phys./Eng. 21.

23. Nuclear Physics. **3 hrs.**
Particle accelerators, detection of charged particles, the neutron, nuclear stability, nuclear reactions, nuclear forces, nuclear shell model, beta decay, particle physics. *Prerequisite:* Phys./Eng. 21. *Corequisite:* Math 21.

24. Nuclear Physics Laboratory. **1 hr.**
Experiments in detection of charged particles, detection of neutrons, detection of gamma rays, counting statistics, radiation shielding, stopping power, calibration of the long counter, calibration of the scintillation counter, semiconductor detectors, the multichannel analyzer, time-of-flight techniques, analysis of bubble chamber photographs, detection electronics. *Corequisite:* Phys./Eng. 23.

27. Electronics. **3 hrs.**
Topics include D.C. and A.C. circuits, and characteristics and uses of semiconductor devices. A study of rectifiers, amplifiers, oscillators. Class time includes lectures and laboratory experiments. *Prerequisite:* Phys./Eng. 12.

28. Digital Electronics. **3 hrs.**
Representation of digital information; combinational logic networks; integrated circuit technology; computer equipment; microprocessors; logical design of minicomputers. Includes lecture and laboratory. *Prerequisite:* Phys./Eng. 27.

31. Fundamentals of Circuits, Signals, and Systems. **4 hrs.**
Lumped system elements and Kirchoff's laws, two terminal elements; energy and power; circuits. Signal description. Convolution. Phasors and impedence. Systems of coupled elements. Lectures and laboratory. *Prerequisites:* Math 38; Phys./Eng. 27.

32. Network and System Theory. **4 hrs.**
General network analysis; node and mesh analysis. Network graphs, Tellegren's theorem. Laplace and Fourier transforms; poles and zeroes; frequency domain analysis; network functions; signal analysis. Lectures and laboratory. *Prerequisite:* Phys./Eng. 31.

34. Electromagnetic Theory. 3 hrs.
Vector analysis, electric and magnetic fields, solution to Laplace's equation in spherical and cylindrical coordinates, electrostatic images, polarization, dielectrics, electrostatic and magnetic energy, electric current, Biot-Savart law, electromagnetic induction, Kirchoff's laws, the differential equations of circuits, Maxwell's equations, electromagnetic waves. *Prerequisites:* Phys./Eng. 12; Math 32.

35. Analog and Digital Communications. 3 hrs.
Signals and power spectra; modulators and demodulators; antennas and noise; signal processing; analysis of AM, FM, RM, and digital systems. *Prerequisites:* Phys/Eng. 34, Math 32.

36. Theoretical and Applied Mechanics. 3 hrs.
Vector concepts, Newtonian mechanics, linear oscillations, Lagrangian and Hamiltonian dynamics, central-force motion, dynamics of rigid bodies. *Prerequisites:* Phys./Eng. 12; Math 32.

37. Fluid Mechanics. 3 hrs.
The Bernouilli equations, momentum equations, potential flows, viscosity, streamlines, supersonic flow, open channels, turbomachines, the Navier-Stokes equations. *Prerequisites:* Phys./Eng. 12; Math 32.

38. Engineering Thermodynamics. 3 hrs.
The principles and applications of thermodynamics. Topics include the first and second laws of thermodynamics, reversibility, PVT surfaces, non-ideal gas equations, enthalpy, entropy, heat engines and heat pumps, carnot cycle, efficiency, Maxwell's equations, thermodynamics of flow processes, analysis of systems. *Prerequisites:* Phys./Eng. 12; Math 21.

39. Intermediate Engineering Laboratory. 1 hr.
Experiments in mechanics and thermodynamics, including steam turbine, internal combustion engine, wind tunnel, motion with two reference systems, stress and strain, gyroscopic motion, harmonic motion, refrigeration cycle, thermopile. *Prerequisite:* Phys./Eng. 12.

41. Material Science. 3 hrs.
Crystal structure, crystal defects, stress, strain, theories of hardness, theories of failure, basic principles of metallurgy. *Prerequisite:* Phys./Eng. 21. *Corequisite:* Math 30.

42. Solid State Physics. 3 hrs.
Thermal, optical, and electronic properties of solids. Semiconductive devices including transistors, tunnel diode, semiconductor laser, and the LED. Magnetism, magnetic resonance and superconductivity. *Prerequisites:* Phys./Eng. 21.

43. Solid State Laboratory. 1 hr.
Properties of intrinsic and extrinsic crystals are measured. Experiments to be performed include: X-ray spectrometry of crystals, the Hall effect, pure and doped crystals; magnetic resonance, Mossbauer spectrometry, super conductivity. *Corequisite:* Phys./Eng. 42.

44, 45. Health Physics I, II. Each 3 hrs.
Radioactivity, interaction of radiation with matter, radiation quantities and units, stopping power, range-energy relationships, counting statistics, shielding, dosimetry, waste disposal, criticality prevention, radiation biology and ecology. *Prerequisites:* Phys./Eng. 23; Math 21. 44 is prerequisite for 45.

46, 47. Health Physics Laboratory I, II. Each 2 hrs.
A laboratory designed to teach the practical aspects of health physics. Includes experiments in instrumentation, dosimetry, radiation control techniques, medical health physics, environmental monitoring, handling emergency situations and applied health physics. *Corequisites:* Phys./Eng. 44, 45. 46 is prerequisite for 47.

48. Electro-Optics Laboratory. 1 hr.
Measurements in modern optics involving electromagnetic theory. Experiments include Kerr effect, electron beam optics, fiber optical wave guides, monochromator, ruby laser, nonlinear optics, nitrogen laser, tunable dye laser, excitation of atoms with laser beams. *Prerequisites:* Phys./Eng. 21, 22.

51. Special Topics. 1-3 hrs.
A study of selected areas of physics and engineering such as quantum mechanics, control systems, and heat transfer. *Prerequisites:* Phys./Eng. 12; Math 21.

52. Seminar. 1 hr.
Majors in the department will select a topic on which to pursue research. This will include a literature search and a theoretical calculation or laboratory research. A paper will be submitted and an oral presentation will be given. The research is expected to represent some originality. Required of and restricted to senior majors.

54. Electromechanical Dynamics and Controls. 3 hrs.
An introduction to electric motors with an emphasis on control theory. Synchronous, induction, and D. C. motors; transformers. Signal flow graph; stability criteria; Bode, Nyquist, and Root Locus diagrams. Feedback control systems; optimum response. *Prerequisite:* Phys./Eng. 34.

Psychology

Richard Calef, Ruth Ann Calef, Choban, Hiedemann

It is the purpose of this department to aid students in understanding themselves, others and the insights of the psychological tradition. It provides preparation for graduate study in the form of basic mastery of content, the scientific method and independent study.

Requirement for Major:

The Psychology department has two major tracks. Track I is designed for majors who do not plan to do graduate work in psychology. It consists of:

1	General Psychology	3 hrs.
9	Tests and Measurements	3 hrs.
11	Psychological Experimentation	3 hrs.
	Electives in Psychology	15 hrs.
		24 hrs.

Track II is designed for students who want a departmental recommendation for graduate school in psychology. It consists of:

1	General Psychology 1	3 hrs.
2	Sensation and Perception or	
4	Learning and Memory	4 hrs.
10	Physiological Psychology	3 hrs.
12	Advanced Experimental	4 hrs.
17	History of Psychology	3 hrs.
21	Statistics and Methodology	4 hrs.
35-36	Research Seminar	4 hrs.
		25 hrs.

In most cases, students should choose their major track by the first semester of their sophomore year.

Requirement for Minor:

15 semester hours, including Psychology 1.

Students may not earn more than six credits in Readings and/or Special Topics. Only three of these may be included in the 24 minimum for Track I.

1. General Psychology. 3 hrs.
A survey of basic concepts in psychology including physiological mechanisms, motivation, learning, personality, testing, abnormal behavior and psychotherapy, development, social processes and intelligence.

2. Sensation and Perception. 4 hrs.
An introduction to major issues in sensation, perception, psychophysics, and human information processing. Laboratory experience with perception research. *Prerequisite:* Psychology 1. Not recommended for juniors or seniors.

3. Child and Adolescent Psychology. 3 hrs.
The course is designed to acquaint the student with the changing psychological patterns of behavior that occur between conception and maturity. Students with credit in Psychology 24 may not enroll. *Prerequisite:* Psychology 1.

4. Learning and Memory. 4 hrs.
A survey of the concepts, research methods and principles of learning and memory, with a primary focus on contemporary investigations of human and animal learning. Historical antecedents of principles, theories and methods are reviewed insofar as they are important to the understanding of contemporary issues. Includes laboratory exercises and use of computer for data analysis. *Prerequisite:* Psychology 1, junior or senior standing.

5. Business and Industrial Psychology. 3 hrs.
Designed to help students to understand, to appreciate and to apply basic psychological processes relevant to administration and organization in business and industry. This course is designed for students in Business and may be credited toward a major or minor in the field. *Prerequisite:* Psychology 1.

6. Social Psychology. 3 hrs.
A survey of theory and research regarding social influences on individual behavior and the application of these findings to selected social issues. Lectures and discussion. *Prerequisite:* Psychology 1.

7. Psychology of Personality. 3 hrs.
A survey of methods, findings, and theories relating to the psychology of personality. Personality development, motivation, influences that contribute to adjustment and maladjustment; varieties of adjustive behavior, and influence of cultural forces. *Prerequisite:* Psychology 1.

8. Abnormal Psychology. 3 hrs.
Under discussion will be basic concepts of abnormality with particular emphasis on the major psychoses, common and mild forms of deviant behavior, and psychosomatic complaints. *Prerequisite:* Psychology 1. Open only to upper level students.

9. Psychological Tests and Measurements. 3 hrs.
Theory of psychological measurement, methods of evaluating tests, review and practical application of the most commonly used psychological tests. *Prerequisite:* Psychology 1, junior or senior standing.

10. Physiological Psychology. **3 hrs.**
Structure and function of the nervous, sensory and muscular system; their roles in emotion, motivation, learning and behavioral disorders; regulatory mechanisms and effects of drugs and environmental agents on functioning. *Prerequisite:* Psychology 1.

11. Psychological Experimentation. **3 hrs.**
An introduction to methodology in psychological experimentation. Students will gain experience in conducting a research project and presenting results of their study. Track I curriculum. *Prerequisite:* Psychology 1.

12. Advanced Experimental Psychology. **4 hrs.**
An introduction to experimental methods in psychology emphasizing practice in formulating and investigating research problems, applying scientific method in a laboratory setting and developing skill in presenting scientific reports. Experience in literature review and application of the computer to research data. *Prerequisites:* Psychology 1 and Computer Science 1.

13. Human Relations Training. **3 hrs.**
A practicum designed to provide supervised first-hand experience in interpersonal communication. Intended primarily for students planning to enter the counseling or personnel fields, this course seeks to develop skills in attentiveness to verbal and non-verbal cues in identifying and understanding other people's feelings. *Prerequisite:* Upper level course work in Psychology.

14. Psychology of Religion. **3 hrs.**
An in-depth study of primary source readings of various psychological interpretations of religion, this class employs a seminar format, with classroom reports and discussion. Includes material from both Western and non-Western religion. *Prerequisite:* Consent of instructor.

15. Behavior Modification. **3 hrs.**
The application of the learning and motivation principles of Skinner, Pavlov, Hull and Wolpe to abnormal psychology, mental retardation, education, industry and life in general. Beneficial to people who wish to pursue some avenue of counseling, or have intention of working in hospitals or clinics. *Prerequisite:* Psychology 1.

17. History of Psychology. **3 hrs.**
Developmental trends in the history of psychology. Growth of major schools of thought, and evolution of leading concepts. A critical appraisal of the major trends in contemporary psychology. (Course designed for psychology majors.) *Prerequisite:* Psychology 1 and upper class status.

20. Theories of Counseling. **3 hrs.**
A survey of major contemporary theoretical approaches to counseling. Methods of counseling derived from each theory are presented in readings and demonstrations. The course may be of interest to students who are considering careers in clinical, counseling or school psychology, psychiatry, social work, guidance, or pastoral counseling. *Prerequisite:* Psychology 1.

21. Statistics and Methodology in the Behavioral Sciences. **4 hrs.**
Components of research design, scales of measurement, descriptive statistics, probability, and inferential statistics with emphasis on relating statistical techniques to general strategies of research in the social sciences. Includes a computer laboratory. *Prerequisites:* Psychology 1, 12.

24. Developmental Psychology I. **2 hrs.**
A chronological survey of major developmental issues and tasks from conception through middle childhood. The principal theoretical perspectives are Erikson's psychosocial theory, Piaget's cognitive theory, and systems theory. Application of theory and research to issues confronted by health and human services practitioners, educators, and parents. Students with credit for Psychology 3 may not enroll. *Prerequisite:* Psychology 1.

25. Developmental Psychology II. **2 hrs.**
A chronological survey of major developmental issues and tasks from adolescence to death. The principal theoretical perspectives are Erikson's psychosocial theory, systems theory, and various theories of adult development. Application of theory and research to issues confronted by health and human services practitioners and by the children of aging parents. *Prerequisite:* Psychology 1.

31. Laboratory in Psychological Experimentation I. **2 hrs.**
Directed participation in experimental procedures including literature review and experiment preparation. *Prerequisite:* Psychology 11.

32. Laboratory in Psychological Experimentation II. **2 hrs.**
Participation in experimental project, including experience with data compilation, preparation of abstracts and oral presentation of results. *Prerequisite:* Psychology 31.

35. Research Seminar in Psychology. **2 hrs.**
Required of junior Track II majors. Students will gain experience in reviewing the literature on a specific research topic in experimental psychology and designing an experiment based on the previous research. *Prerequisite:* Psychology 12.

36. Research Seminar in Psychology. 2 hrs.
Continuation of Psychology 35. Students are given the experience of conducting laboratory research on topic reviewed in Psychology 35, analyzing the data and using APA standards in writing the lab report associated with the experiment. Students will also be required to present an oral defense of their research project. *Prerequisite:* Psychology 35.

37. Readings in Psychology. 1-3 hrs.
Directed readings or library research approved by the department. Conferences. Open only to juniors and seniors majoring or minoring in psychology. Maximum 6 hrs. credit.

38. Special Topics. 1-3 hrs.
Readings, projects, or seminars in topics of special interest to psychology faculty will be scheduled when possible. *Prerequisite:* Psychology 1.

Religion

Holmes, Bercovitz, Gurdak, Welliver

The courses in Religion contribute to education in the humanities through their consideration of humanity in terms of religious traditions, commitments and questions. Such study of religion encompasses scriptural foundations, historical development, theological reflection and social-cultural expression. In keeping with the tradition of the College, Christianity receives particular attention as a basis for understanding the heritage of the Western world.

The major or minor is appropriate for persons preparing for further theological study and church-related vocations. It also recommends itself to students interested in pursuing studies which emphasize questions of meaning and mystery in human experience and which encourage the development of historical perspective and that critical habit of mind characteristic of the Humanities.

Requirement for Major:
24 semester hours beyond the introductory course (1, 2), including 3, either 10 or 11, either 12 or 13, either 20 or 21, and either 25 or 26. Students anticipating a major should elect 1, 2, or 10 as their initial course. Seniors must complete a comprehensive examination.

Requirement for Minor:
15 semester hours

Any course numbered 1-26 which does not carry a prerequisite will fulfill the General Studies program requirement in Religion.

1. Introduction to Religion. 3 hrs.
Basic religious questions; exploration of religious approaches to questions of truth, value judgments, and problems of personal and social existence.

2. Introduction to the Bible. 3 hrs.
An introductory study of the Biblical literature, its origin in the Jewish and Christian communities, and the literary and cultural developments involved in its emergence as the norm of faith for those communities.

3. The Christian Tradition. 3 hrs.
A study of ideas and movements in Christianity; selected thinkers in the early, medieval and reformation periods, Catholic and Reformation thought in the modern world.

4. Religion in America. 3 hrs.
An introduction to the history of religion in America through the study of selected readings on the meaning of the American experience.

10. Hebrew Religion. 3 hrs.
The religion of Israel in historical perspective during the pre-exilic period, with emphasis upon the prophets.

11. Exilic and Post-exilic Judaism. 3 hrs.
Selected groups of Old Testament writings — prophets, psalms, wisdom and apocalyptic literature — beginning at the time of the exile.

12. Jesus in the Synoptic Gospels. 3 hrs.
The mission and message of Jesus as presented in the Synoptic Gospels; methods of interpretation.

13. Pauline Letters. 3 hrs.
A study of early Christian literature, with special focus on the Pauline letters.

14. Religious and Cultural World of the Bible. 3 hrs.
Examination of religious and ethical ideas of the Biblical period. Selections will be made from materials from the Near East relevant to the Old Testament, intertestamental literature, or Jewish and Hellenistic background to the New Testament. *Prerequisite:* Religion 2 or 10.

15. Major Themes in Biblical Thought. 3 hrs.
Study of selected ideas in Biblical theology — such as man, sin and suffering, creation and world, faith, revelation, Christ and salvation, covenant, church and kingdom of God. *Prerequisite:* One course in the department.

20. Basic Christian Faith. **3 hrs.**
An introductory study of basic elements of Christian theology. Emphasis is placed on the situation and interpretation of the Christian faith in the modern world.

21. Modern Christian Thought. **3 hrs.**
A seminar on selected modern Christian thinkers. Recommended for upperclassmen. Selections will vary from year to year. *Prerequisite:* One course in the department.

22. Christianity and the Social Order. **3 hrs.**
An introductory inquiry into the relation of the Christian faith to society and responsibility for the world. *Prerequisite:* One course in the department.

24. Major Religious Thinkers. **3 hrs.**
A seminar on significant religious thinkers, or a major religious theme traced in various historical expressions, or a creative period in religious history. The subject matter will vary from year to year. *Prerequisite:* One course in the department.

25. Judaism and Islam. **3 hrs.**
A historical study of Judaism and Islam with particular emphasis on current expressions of faith and practice and the role of these traditions in contemporary culture and politics.

26. Hinduism and Buddhism. **3 hrs.**
A historical study of the faith and practice of Hinduism and Buddhism including a consideration of the current state of East-West interreligious dialogue.

30. Special Topics in Religion. **1-3 hrs.**
Inquiry into selected issues in the field of religion or problems of interdisciplinary scope, pursued through special reading-research projects or seminar. The subject matter will vary from year to year. *Prerequisite:* Permission of the instructor.

Greek

40, 41. New Testament Greek I, II. **Each 3 hrs.**
Elementary Hellenistic Greek grammar oriented toward the reading of the Greek New Testament. This course may not be counted toward general education in religion or included in the minimum hours required for a major or minor. *Offered in alternate years.*

42, 43. Readings in Hellenistic Greek I, II. **Each 1-3 hrs.**
Additional experience in translation and in using resources for philological study of the New Testament. *Prerequisites:* Religion 40, 41. *Offered in alternate years.*

Sociology, Social Work and Anthropology

Warner, Bailey, Bright, Flaxer, Olson, Peterson, Richardson

The Department of Sociology, Social Work and Anthropology assists students in developing their understanding of the general character of human relationships and the dynamic interaction between persons and social roles and social structures. Members of the department take a special interest in the issues of freedom and oppression, of human rights and those social structures which inhibit those rights.

Besides the traditional major in sociology, the department offers three career-oriented programs in social work, rehabilitation and youth services. Students may minor in sociology or anthropology.

Requirement for Major in Sociology:

25 semester hours including 1, 2, 24, 29, 52, and 59. The department strongly recommends that majors elect at least one course in each of the other social sciences. Students planning graduate study should elect a course in statistics and computer programming.

Requirement for Minor in Sociology:

15 semester hours, including 2 and 52.

Requirement for Minor in Anthropology:

15 semester hours, including 1, 41, 42 and 49. January Term courses in Magic, Witchcraft, Cults and Religions, and 3 semester hours of Indian Studies (a summer course), as well as Readings and Special Projects in Anthropology may be credited toward the minor.

Career-Oriented Majors:

The department offers three career-oriented majors, all requiring interdisciplinary studies within the Division of Social Sciences. The Social Work curriculum is listed below. For a description of the Rehabilitation and Youth Services majors, see pages 61-62.

1. Introduction to Anthropology. **3 hrs.**
An investigation into human differences and similarities through time and space and an examination of the interaction of biological, cultural and ecological factors in the development of humans and their extremely diverse life styles: Archaeology, linguistics, physical anthropology and cultural anthropology are introduced together with topics such as marriage, kinship, economic systems, political organization, subsistence systems, technology, religions and cultural change.

2. Principles of Sociology. **3 hrs.**
Introduction to the sociological perspective, the traditions, concepts and methods of social inquiry. Examination of society's highly structured organizational and institutional life; the dynamic relationship between person, role and social structure; collective behavior, socialization, culture, conflict and change. The value of human freedom and the structures which restrict it.

3. Social Welfare and Social Work. **3 hrs.**
An introduction to the field of social welfare and the profession of social work, tracing their historical emergence and development, comparing the American welfare system to systems in other nations, and examining the values and skills of the professional social worker. Interpretation of the problems and accomplishments of the profession and the field of welfare. *Prerequisite:* Sociology 2.

11. Appalachian Studies. **3 hrs.**
The study of a rural region includes discussion of the role of coal in the life of the region, poverty, community life, migration, folk arts and crafts, and social change.

12. Sociology of Change and Development. **3 hrs.**
The theories, human dimensions and public policy aspects of social change, applied in a comparative fashion to both less-developed and developed regions.

13. Urban Sociology. **3 hrs.**
The history, growth and current impact of urban life, with attention to the characteristics of the urban environment, urban social problems, and special issues within the developing nations.

16. Social Organization. **3 hrs.**
The dynamic patterns which emerge in community and organizational life, and how they both enable action and limit freedom to act. Topics include the ways in which associations, from small groups to large organizations and communities, emerge, grow, and change over time. Opportunities for field and laboratory study of the organizational process.

17. The Black Experience in America. **3 hrs.**
A survey of African-American presence in America from slavery to the present with emphasis on critical thinkers, protest movements and social institutions. Emphasis will include 19th century writers, the 1941 and 1963 marches on Washington, and the Niagara Movement. Offered as a Sociology or History elective.

18. Women in Social Transition. **3 hrs.**
A seminar designed for college women interested in examining the relationships between the traditional roles of marriage partner and mother and the emerging contemporary role of professional or career person.

19, 20. Indian Studies I, II. **Each 3 hrs.**
Two summer courses. I: A survey of origins of Native Americans on this continent, relations between Indians and the United States government, cultural traditions of several tribes, and contemporary issues. II: A travel course including visits to Cherokee, Pueblo, Navaho and other communities in the Southwest, as well as prehistoric Indian ruins.

21. Juvenile Delinquency. **3 hrs.**
A survey of the causes, theoretical explanations, and methods of prevention and "treatment" of juvenile delinquency; public attitudes toward juvenile delinquency and the history of the juvenile justice system in America.

22. Criminology. **3 hrs.**
A study of the types and causes of crime, methods of prevention, punishment and rehabilitation, and the administration of criminal justice. Includes a special section on rural crime.

23. Social Inequality. **3 hrs.**
Studies the process by which people are ranked in hierarchies of class, status and power. Examines the American class structure and other societal systems such as caste, estate, socialism, and meritocracy. The course analyzes the consequences of inequality for society (poverty and the "power elite"), and for individuals (life chances and life styles).

24. Racial and Ethnic Minorities. **3 hrs.**
A study of racial and ethnic minorities in the U.S.A., South Africa, Palestine, the U.S.S.R., Latin America, and Gypsies of Europe. Major theories of racial conflict and interracial tensions throughout the world; methods of reducing tensions and working toward pluralism, assimilation or integration.

25. Marriage and the Family. **3 hrs.**
Study of the social institutions of marriage and family within the context of modern American society. Emphasis upon the developmental nature of relationships throughout the life span as experienced differentially by men and women. Weekly "lab" designed to develop awareness of small group communication patterns and conflict management options useful in a marriage and family context. *Prerequisite:* Sociology 2.

26. Population and Society. **3 hrs.**
The examination of demographic processes relating to human populations, and their effects on society. Issues of population composition and distribution, fertility, mortality, migration and the "growth problem." Techniques of population measurement and societal responses to population changes.

27. Conflict and Conflict Resolution. 3 hrs.
An overview of the theories, causes, and dynamics of social conflict, with an emphasis on conflict resolution from a sociological point of view. Examines conflicts experienced at the inter-group, inter-organizational, and international levels. Opportunity to learn some practical techniques of conflict resolution.

28. Sociology of Religion. 3 hrs.
Religious experience and organizational life from a scientific sociological perspective. The emergence and change of religious organizations, their relationship to other social institutions, and the potential of religion for fostering cohesion, conflict and change in society. Includes topics such as civil religion, secularization, ecumenism, and religion and war.

29. Research Methods in the Social Sciences. 3 hrs.
A course focusing on scientific investigation and the design of research in the field of social science, with attention to the use of both qualitative and quantitative methods, the appropriate use of statistics, and a working knowledge of selected computer programs. *Prerequisite:* Soc. 2 plus six hours in the department.

36. Sociology of Health. 3 hrs.
A critical examination of major problems and issues in the American health system, including social and political "causation" of disease; the relationship of health service providers, allied health industries, and government; the role of technology; the wellness movement; escalating health care costs; and alternative models of health delivery. *Prerequisite:* Sociology 2.

38. Youth Services Seminar. 3 hrs.
Designed for Youth Services majors or others interested in working with young persons as a career. Major topics included are residential child care, strategies for youth services, enabling "troubled youths" to gain social skills, theories of child care, and the "spectrum and continuum of child care." *Prerequisites:* Sociology 2, Psychology 3, and Junior standing. (Youth Services majors must take this class prior to the urban semester.)

41. Cultural Anthropology. 3 hrs.
A study of the various branches, history, scope, and organization of culture. The growth of culture, theories, universals, material culture, economic organization, social and political organization, social control, world view, linguistics, and the relation of culture to the individual. *Prerequisite:* Soc. 1 or permission of instructor.

42. Archaeology. 3 hrs.
An introduction to a scientific technique for the removal from the earth of cultural evidence concerning the activities and works of man in the past, including identification, preservation, and interpretation of such material. *Prerequisite:* Soc. 1 or permission of instructor.

47. Israel and the Palestinians. 3 hrs.
A survey of the struggle for possession of the land called Palestine, claimed by the Jews — descendants of Abraham through his son Isaac — and the Arabs — descendants of Abraham through his son Ishmael. A study of the claims, the conflict, and the suffering on both sides.

49. History and Theory of Anthropology. 3 hrs.
An upper-level study of the development of Anthropology from early days to the present, looking at the major contributors and the major approaches to anthropological integration. *Prerequisites:* Sociology 1, 41, and junior or senior standing.

51. Readings and Special Projects. 1-3 hrs.
Classes, seminars or research projects on selected topics, offered on an occasional basis according to faculty and student interest.

52. Social Theory. 3 hrs.
A review of the major sociological theorists and schools of thought from Comte to Ethnomethodology and Critical Theory. *Prerequisites:* Soc. 2 plus nine hours in the department.

59. Senior Sociology Seminar. 1 hr.
A class limited to seniors in the department, this seminar requires members to present their "senior paper" and participate fully in responding to class presentations.

Social Work

The Social Work major prepares students for licensed, entry-level professional practice and for graduate study in social work. It trains students in a generalist problem-solving approach for helping individuals, families, organizations and communities cope with problems in living. The program demands knowledge about human behavior in the larger social environment, a professional identity and value orientation, professional skills, and an ethical commitment to advocacy.

The curriculum prepares students for a wide range of employment opportunities such as family services, child welfare, adoption and foster care, family planning, rape and domestic violence services, medical or hospital work, corrections and probation, inpatient and outpatient mental health/retardation services, programs for the aging, public welfare, and services to the homeless.

Social Work is an interdisciplinary major which builds on a liberal arts foundation; integrates knowledge from biology, psychology, sociology, and government; continues with a sequence of professional practice courses; and culminates in a semester-long block internship. Two special strengths of the major are its emphasis upon groups and groupwork and the diversity of agency field practica that students experience by the time they graduate.

Although no minor is required, students majoring in Social Work may elect a minor in any subject except Sociology, and they may double major in any field except Sociology. Because the Social Work major is tightly structured from the junior year on, students choosing to double major must plan early in order to meet Social Work curricular requirements. Students wishing to major in Social Work must be advised by Social Work faculty, and course prerequisites must be observed.

To ensure the professional quality of their preparation students are required to earn at least a "C" for each course in the major. Also, a minimum grade average of 2.5 in the social work major is required for entrance into each of the professional courses, 32, 33 and 34.

Requirement for Social Work Major:

60 hours of required courses: Sociology 2, Psychology 1, Biology 5 or 7, Bio. 8, and all Social Work courses below. Two social science courses chosen from the following: Soc. 11, 12, 13, 18, 21, 22, 23, 24, 26, 27, 28, 36; Psy. 6, 7, 8, 13, 15, 20; Econ. 10, 11; and Gov. 1, 2, 10, 15, 16.

Social Work majors may count toward graduation a maximum of 49 hours in the combined disciplines of sociology, social work and anthropology. (Required Social Work curriculum hours in other disciplines — psychology, economics, biology and government — are not counted in the department limit.) A Social Work major may not double major or minor in Sociology. Students wanting more than 49 hours in the department should plan to earn more than 128 hours to graduate.

3. Social Welfare and Social Work. **3 hrs.**
Description under Sociology 3.

4. Developmental Psychology I. **2 hrs.**
Description under Psychology 24.

5. Developmental Psychology II. **2 hrs.**
Description under Psychology 25.

16. Social Organization. **3 hrs.**
Description under Sociology 16.

25. Marriage and the Family. **3 hrs.**
Description under Sociology 25.

29. Research Methods in the Social Sciences. **3 hrs.**
Description under Sociology 29.

30. Politics of Social Policy. **3 hrs.**
Description under Government 12.

31. Human Behavior in the Social Environment. **2 hrs.**
A seminar integrating the major themes of various courses dealing with human behavior and the social environment and making explicit their relevance for social work practice. Ecological systems analysis provides a unifying conceptual theme. *Prerequisites:* Soc. 2, Psy. 1, Bio. 5 or 7, Bio. 8, SWk. 3, 4, 5, 16, 25, 29.

32. Social Work Methods and Practice I. **3 hrs.**
The generalist problem-solving method of social work practice with individuals, families and groups, organizations, and communities. Generic skills, based on knowledge from all curricular prerequisites and guided by professional values. Emphasis on self-knowledge, active listening, and agency context of practice. Concurrent mini-practicum in a local agency. *Prerequisites:* Soc. 2, Psy. 1, Bio. 5 or 7, Bio. 8, SWk. 3, 4, 5, 16, 25, 29.

33. Social Work Methods and Practice II. **3 hrs.**
A continuation of Social Work 32, with emphasis on deepening self-awareness, improved active listening skills, increasing development of problem assessment and problem-solving skills, applied research in evaluation of practice, expanded small group skills, conflict management, and professional documentation. Mini-practicum in a second local agency. *Prerequisite:* SWk. 31 and 32.

34. Social Work Internship. **15 hrs.**
Full-time (30 hours per week) block placement for second semester seniors in an approved local or regional agency. Direct service practice under the supervision of a licensed professional social worker. Learning objectives and structured activities drawn from all previous curricular content. Weekly two-hour integrative on-campus seminar. Access to personal automobile will expand placement options. *Prerequisite:* SWk. 30 and 33.

Speech Communication and Dramatic Arts

Norvell, Allen, Long, C. Presar, S. Presar, Reed

The Department of Speech Communication and Dramatic Arts serves to help students achieve effective, artistic, and creative self-expression in response to their environment. Recognizing that communication is the basis of all human interaction, the department provides speech communication and theatre experiences that may be helpful to all students.

Non-majors, as well as majors, are encouraged to benefit from a flexible program of courses and co-curricular activities. Students may consult with any departmental faculty in order to select courses which may prove most helpful in achieving individual goals.

The Department of Speech Communication and Dramatic Arts offers the following choices in areas of concentration:

Speech Communication and Dramatic Arts (major)
Speech Communication (major and minor)
Dramatic Arts (major and minor)
Public Relations (major)
Mass Communication (minor)

Requirement for Speech Communication and Dramatic Arts Major:

36 semester hours above Sp. Comm. 11, including Sp. Comm. 4, 32 or 33, 35, 36; Dram. Arts 3, 5, 13, 22, 30 or 32; Sp. Comm. 42 or Dram. Arts 49; four semesters of participation in intercollegiate forensics, West Virginia Wesleyan College Theatre, or WVWC-FM Radio, at least one semester of which must be in forensics and one in theatre.

Requirement for Speech Communication Major:

30 semester hours above Sp. Comm. 11, including 4, 21, 31, 32, 33, 35, 36, 42 (Dramatic Arts 22, 23, 26, 27 may be credited toward a major but not toward a minor); Psychology 1 is required but will not substitute for Speech Communication courses; four semesters of participation in intercollegiate forensics or WVWC-FM Radio, at least two semesters of which must be in forensics.

Requirement for Speech Communication Minor:

18 semester hours above Sp. Comm. 11, including 4, 32, 33, 35, 36; two semesters of participation in intercollegiate forensics or WVWC-FM Radio, at least one semester of which must be in forensics.

Requirement for Dramatic Arts Major:

34 semester hours, including 3, 5, 9, 13, 15, 22, 23, 30, 31, 32, 41, 49, and Speech Communication 4; major responsibilities in at least four full-length West Virginia Wesleyan College Theatre productions. (Speech Communication 6 and English 32 may be credited toward a major.)

Requirement for Dramatic Arts Minor:

18 semester hours, including 3, 5, 13, 22, 23; one of the following: 30, 31, 32; major responsibilities in at least two full-length West Virginia Wesleyan College Theatre productions.

Requirement for Public Relations Major:

40 semester hours in addition to Sp. Comm. 11, including 21, 25, 31, 33, 36, 37, 38, 45; Business 70, 73; English 9, 11; and Art 5. This major may not be combined with a Speech Communication major or minor or a minor in Mass Communication.

Requirement for Mass Communication Minor:

20 semester hours in addition to Sp. Comm. 11, including 21, 24, 25, 28, 37 and 42, Business 73 and English 9; two semesters of participation in WVWC-FM or *Pharos* or equivalent, one of which must be in broadcasting. This minor may not be combined with either a Speech Communication or Public Relations major.

Speech Communication

Courses and co-curricular activities offered in speech communication are designed to provide theory and experiences in all aspects of interpersonal and audience-oriented transactions. Students will be provided a broad background on which to base graduate study in areas such as communication, public address, or public relations. Others may develop the knowledge and skills necessary for certain occupations in communication, business, or service-oriented fields.

The major in Public Relations is designed to convey the nature of public relations activity and examine the range of competencies required by the public relations profession and the tasks and responsibilities of public relations management. Courses and activities offer competing models of public relations practice and provide operational and ethical standards by which they are assessed. The knowledge and skills developed in this program will prepare students for public relations employment in the private, private not-for-profit, and public sectors in such areas as public affairs, publicity and media relations, community relations, international public relations, marketing public relations, financial and shareholder relations, consumer relations, employee relations, fundraising and membership development.

4. Voice and Diction. 3 hrs.
A study of the physical production, resonation, and articulation of sound for normal human speech, with an introduction to the international phonetic alphabet. Students are introduced to exercises which may help them develop a strong, flexible, resonant voice and good diction.

6. Creative Dramatics. 3 hrs.
The study of creativity, its role and application in dramatics, and the manner in which creative dramatics assists in the intellectual, physical, and intuitive development and growth of children and youth.

8. Novice Intercollegiate Forensics. 1 hr.
A course designed to provide knowledge and experience in public speaking and interpretation (individual events) and/or debate. The student will participate in intercollegiate forensic tournaments throughout the semester. *May be repeated for a second hour of credit.*

9. Intercollegiate Forensics. 1 hr.
This course prepares a student for successful participation in intercollegiate individual events (public speaking and interpretation) and/or debate on an advanced level. The student will participate in intercollegiate forensic tournaments throughout the semester. *May be repeated for a total of 6 hours of credit. Prerequisites:* Sp. Comm. 8 and consent of the instructor.

11. Fundamentals of Speech Communication. 3 hrs.
An introduction to the fundamental concepts involved in any communication situation. Contemporary theories in intrapersonal, interpersonal, small group, organizational, public address, and mass communication will be tested through practical experience. *Prerequisite:* Sophomore standing or instructor approval.

15. Speech and Language: Development and Correction. 3 hrs.
A study of speech and language development in the child with an introduction to the causes and treatment of speech defects. Students will become familiar with techniques for helping the child develop good speech patterns and with referral procedures for children in need of pathological care. The course will be useful to anyone planning to work with children and youth. *Prerequisites:* Junior or senior standing and instructor approval.

21. Introduction to Mass Media. 3 hrs.
The historical development of mass media, the different types of media, including print, radio, television and film, government and special control, FCC laws, ethics and responsibility, and the effects of the mass media on our present society and future.

24. Introduction to Radio Broadcasting. 1 hr.
The student will become a regular staff member of WVWC-FM radio, participating in all station activities and meeting the requirements of three hours per week air time and two in a responsible station service position. *Prerequisite:* Instructor's permission.

25. Basic Television Production. 3 hrs.
Students are trained in the operation of various types of television studio production equipment, gain experience as crew members in several television studio positions, and have the opportunity to produce various types of television programs. *Prerequisites:* Sp. Comm. 11 and instructor's permission.

28. Broadcasting Practicum. 1 hr.
Opportunity to assume responsibility for advanced work in either radio or television. Accepting a post for a specialized program or position allows the student to be intimately involved with the planning and operation of the radio station or the television studio. *Prerequisites:* Sp. Comm. 24, 25 and instructor's permission. *May be repeated for a total of 3 hrs. of credit.*

31. Theory and Research Methods in Speech Communication. 3 hrs.
The nature of theories on human communication, with a focus on the purpose of theories. The history of communication theory, predominant current theories, and particular qualitative, quantitative, laboratory, field, and historical/critical methodologies will be discussed. Students will criticize published studies on theoretical and research bases. *Prerequisite:* Sp. Comm. 11 or permission of instructor.

32. Interpersonal Communication. 3 hrs.
A study of the situational and developmental views in building interpersonal communication and its influence in the enhancement, maintenance, and/or deterioration of relationships. Comparison of communication models, theories, styles, competence levels and coding structures. Emphasis also on various relational contexts, functions and patterns. *Prerequisite:* Sp. Comm. 11 or permission of instructor.

33. Small Group Communication. 3 hrs.
A study of communication in small groups with a balance between empirically founded theories of small group communication and specific practical procedures and techniques for improving the functioning of groups. *Prerequisite:* Sp. Comm. 11 or permission of instructor.

35. Public Address. 3 hrs.
The course combines traditional concepts of rhetorical theory in its historical form with contemporary research on persuasion theory. The student will examine, through lectures, discussion and readings, speech delivery techniques, evidence and reasoning used in a speech, critical characteristics of the audience, and related concepts. The student will research, organize, and deliver several different types and forms of speeches. *Prerequisite:* Sp. Comm. 11.

36. Persuasion. 3 hrs.
A study of public reasoning and argumentation theory. Introduction to motivational appeals and methods of persuasion with participation in arbitration/mediation exercises, bargaining sessions and debates. *Prerequisite:* Sp. Comm. 11.

37. Public Relations Principles and Practice. 3 hrs.
Introduction to the principles, processes and practice of public relations. The student will learn the nature of public opinion, the application of problem solving process to case studies, and the utilization of persuasion and marketing skills in public relations practice. *Prerequisite:* Sp. Comm. 11.

38. Public Relations Writing. 4 hrs.
An introduction to the selection and development of public relations writing tools. Emphasis will be on choosing the most appropriate medium for the communication task and developing the writing tools necessary for application in individual and personal communications, publications, and the mass media. *Prerequisites:* English 1, Sp. Comm. 11 and 37, competence in grammar, spelling and punctuation.

40. Special Topics in Speech Communication. 1-3 hrs.
Junior or senior students may research special topics in speech communication with the direction of a faculty member in the department. The project and its credits must be approved by the instructor and the department chairman. *Prerequisite:* A grade point average of at least 3.0 in a minimum of 15 hours taken in Speech Communication is desirable.

42. Seminar in Speech Communication. 3 hrs.
A seminar designed to study advanced concepts in speech communication theory. Special topics, not covered in the regular course offerings, will be discussed. *Prerequisite:* Junior or senior standing with a minimum of 15 hrs. in Speech Communication.

45. Public Relations Internship. 3 hrs.
The professional field placement for Public Relations majors in the senior year. A semester-long working and learning experience in an approved public relations agency, corporate relations department or public information office. *Prerequisites:* Junior or senior standing and consent of department.

Dramatic Arts

Courses and co-curricular activities offered in dramatic arts are designed to provide experiences in all aspects of theatre and oral interpretation. These experiences should develop an understanding and appreciation for total theatre. Students majoring in the department are provided a broad background on which to base specialized graduate or professional study or direct community and organizational theatre activities. Courses and activities are open to all students who wish to nurture their appreciation for the aesthetic in theatre, and/or seek knowledge and skills applicable to education, religious and service-oriented occupations and avocational involvement in community theatre.

1. Theatre Practicum. 1 hr.
Intensive practice in the various aspects of theatre production: acting; design, building and painting scenery and properties; lighting design and execution; costume design and construction; make-up design and application; box office and promotion procedures; children's theatre; technical direction; and stage or theatre management. Students may accomplish their goals through active commitment to West Virginia Wesleyan College Theatre or Reader's Theatre productions or through practicum arranged with department faculty member. *Prerequisite:* Consent of the director or technical director of the theatre. *May be repeated for a total of 6 hrs. of credit.*

3. Introduction to the Theatre. 2 hrs.
An introduction to the production of play scripts for audiences. Readings, discussions and laboratory experiences in staging techniques and contemporary trends in design, construction, lighting, acting and directing. Theatre organization and production responsibilities will be stressed.

5. Introduction to Drama. 2 hrs.
An introduction to dramatic action, form, structure, and style through the reading, analysis and discussion of various types of plays from significant periods in the history of dramatic arts in the western world. *Required of all students planning to take courses in design, acting, directing, or dramatic literature.*

9. Makeup. 1 hr.
An investigation of the principles, techniques, and materials of stage makeup and practical experience in their application.

13. Stagecraft. **2 hrs.**
A course dealing with the basic tools, equipment, construction techniques and painting methods found in the theatre. The building of properties and the movement of scenery will also be explored.

15. Design for the Stage. **3 hrs.**
A survey of theatre production theories and techniques. The course includes problems with costuming, make up, lighting, sound, scenery, properties, theatre management and theatre architecture.

17. Scene Design. **3 hrs.**
A combined lecture and laboratory course in contemporary theatre methods of scene design. The student will develop a number of designs along with investigating past and present theories of design. *Prerequisites:* Dram. Arts 3, 5, 13, 15.

18. Lighting. **3 hrs.**
A course dealing with the basic techniques of lighting for the stage. This is designed to help students acquire competence in creating workable lighting effects for school, church, and community theatres. *Prerequisites:* Dram. Arts 3, 5, 13, 15.

22. Acting I. **3 hrs.**
A combined lecture and studio course concerned with the problems of acting in relation to the theatre and actual life experience. Emphasis will be on developing relaxation, concentration, imagination, stage movement and dramatic action through basic exercises and improvisation. *Prerequisite:* Sophomore standing.

23. Acting II. **3 hrs.**
Continuation of Acting I with emphasis on character analysis and creation. Empathic and comic techniques will be developed through scene study and performance. *Prerequisite:* A minimum grade of C in Acting I or consent of instructor.

26. Oral Interpretation. **3 hrs.**
A course providing training for the student in the techniques of dramatic reading and reader's theatre, and supporting his creativity in the planning and presentation of programs of a dramatic nature.

27. Oral Interpretation, Independent Study. **1 hr.**
An extension of Oral Interpretation. A course, by private instruction, designed to assist the student in the planning and presentation of a dramatic program. *Prerequisites:* Dram. Arts 26 and consent of the instructor.

30. Classical Drama I. **3 hrs.**
A comprehensive study of the literature and history of the theatre from primitive man through the Renaissance. Lectures and discussion concerning plays and historical background.

31. Classical Drama II. **3 hrs.**
A comprehensive study of the literature and history of the theatre from the English Restoration until 1915. Lectures and discussions concerning plays and historical background.

32. Contemporary Drama. **3 hrs.**
A comprehensive study of the literature and history of the theatre from 1915 to the present. Lectures and discussions concerning plays and historical background.

41. Directing. **3 hrs.**
Study and experience in the director's functions in staging and producing plays for schools, churches, and community organizations. Through exercises in stage composition, movement, business, tempo, and mood, the student prepares for his final project: directing a one-act play or assisting the direction of full-length play. *Prerequisites:* Dram. Arts 3, 5, 15, 23.

45. Special Topics. **1-3 hrs.**
Junior or senior students may research special topics with the direction of a faculty member in the department. The project and its credits must be approved by the instructor and the department chairman. *Prerequisite:* A grade point average of at least 3.0 in 18 hours of Dramatic Arts is desirable.

49. Seminar in Dramatic Arts. **3 hrs.**
Studies will include research in dramatic criticism and special topics in dramatic arts not covered in regular course offerings. *Prerequisite:* A minimum of 20 hours in Dramatic Arts or consent of the instructor.

Graduate Programs

Graduate Program in Business

Building on the established strength of its most heavily enrolled department, Wesleyan offers a course of study leading to the Master of Business Administration degree. The program incorporates study in accounting, finance, management and marketing, and places special emphasis on the development of problem-solving and decision-making skills. Committed to concern for individuals and the issues that affect them in society, the broad, integrated curriculum reflects the belief that the graduate should be a generalist capable of integrating fundamental knowledge of business functions in a changing environment.

The 36–credit hour program is designed to be pursued either on an intensive schedule by full-time students or on a part-time basis by business professionals, utilizing evening, weekend, and summer class opportunities.

Admission:

Application for admission to the program is invited from any graduate of an accredited college or university regardless of the undergraduate major. The Graduate Admissions Committee will evaluate academic achievement at the undergraduate level, test scores, special skills, and other factors relevant to successful candidacy.

Applicants must submit scores from the Graduate Management Admission Test (GMAT), administered by the Educational Testing Service.

The following undergraduate core courses are prerequisite:

Principles of Accounting	6 hrs.
Principles of Management	3 hrs.
Principles of Marketing	3 hrs.
Principles of Economics	3 hrs.
Statistics	3 hrs.

With permission of the advisor, certain of these core courses may be taken concurrently with enrollment in M.B.A. courses. However, all core requirements must be met by the time a student has completed 12 hours of graduate courses. Credit for prerequisite courses may be granted based on professional experience.

Graduation Requirements:

1. For continuance in Wesleyan's M.B.A. program a candidate must maintain a 3.0 grade point average and earn no more than six hours of average course work (two C grades).

2. All degree candidates are required to complete the following courses:

500. Advanced Managerial Accounting
515. Financial Management
520. Operations Management
530. Marketing Management
540. Business Research and Forecasting
545. Statistical Methods
570. Managerial Economics
585. Business and Society
595. Business Policy

3. The remaining nine hours may be elected from other listed graduate business courses or courses approved for transfer from other institutions.

4. A comprehensive examination with both written and oral components is required for graduation.

5. An application for degree must be filed one semester prior to graduation.

500. Advanced Managerial Accounting. 3 hrs.
Special topics in cost accounting including budgeting, profit plan control, tax planning, inventory control, with special emphasis being placed on decision models. Cash forecasting and modeling the financial aspects of the firm and analyzing the financial statements for investment decisions. *Prerequisites:* Accounting I, II; BA 505 if accounting study or professional practice is not recent.

505. Financial Accounting. 3 hrs.
The rationale for, and implications of, important accounting concepts; accounting procedures so that the student can interpret, analyze, and evaluate financial statements. Applications of financial statements to the decision process. *Prerequisites:* Accounting I, II.

515. Financial Management. 3 hrs.
A study of the development of the financial management issues of a corporation, including the analysis of various financial models to improve existing short- and long-term asset management and the cost of obtaining new capital for expansion through debt or equity issues. Specific topics include the importance of working capital management, the application of capital budgeting techniques in decision making, and the role of leverage and its impact on a corporation. *Prerequisites:* Accounting I, II.

520. Operations Management. 3 hrs.
A study of the structure and behavior of an organization in relationship to planning, organizing, staffing, leading, and controlling from the system perspective. Quantitative techniques, as well as creativity, considered as methods of solving problems and making managerial decisions. *Prerequisite:* Principles of Management.

523. Organizational Behavior. 3 hrs.
The development of effective work groups in business based on the study of the individual from both intrapersonal and interpersonal relationships. The individual's personal relevance probed through the study of perception, motivation, learning, attitude, stress, etc. Interpersonal relations in such areas as leadership, communication, problem-solving, influence and power. Exercises, observation schemes, and conceptual models. *Prerequisite:* BA 520.

525. Human Resources Management. 3 hrs.
The process of bringing people and organizations together so that the goals of each are met. Emphasis on the growing need to link strategic planning of the organization with human resource planning. *Prerequisite:* BA 520.

530. Marketing Management. 3 hrs.
The marketing function and its problems from the management point of view. Consumer behavior, identification, and measurement with respect to market segmentation and targeting, as well as product positioning. Subsequent study of analysis of the market mix: product, pricing, distribution and promotion. Student involvement through oral and written reports, case studies, class presentations and exams. *Prerequisite:* Principles of Marketing.

540. Business Research and Forecasting. 3 hrs.
The sources and uses of business data. Methodology of research design and execution including the scientific approach, descriptive versus causal studies, data collection, questionnaire design, sampling theory, data compilation and interpretation, variance analysis, extrapolation, and the presentation of business research findings. Emphasis on the practical uses of research in decision making. Should be taken as one of the first M.B.A. courses.

545. Statistical Methods. 3 hrs.
Statistical models, probability distributions, hypothesis testing, regression, transformations, analysis of variance, Chi-square and split-plot experimental designs, planned and unplanned multiple and orthogonal comparisons, time series analysis and forecasting. Computer software analysis of case materials. *Prerequisite:* Statistics.

548. Operations Research. 3 hrs.
The application of operation research/management science techniques to the management decision process. Decision theory, decision trees, linear programming, dynamic programming, transportation models, queuing theory, simulation, network analysis, and inventory models. Emphasis on the practical application of management science tools to solving realistic problems via the microcomputer. *Prerequisite:* BA 545 recommended.

560. Management Information Systems. 3 hrs.
The impact of computer technology on the management of resources. Computer management applications, information management, system performance, system planning, selection, implementation, and evaluation from a managerial perspective. Presentations and case analysis using current software packages for decision analysis, modeling, and data storage and retrieval.

570. Managerial Economics. 3 hrs.
The principle uses of economic theory in managing the firm. Applying economic analysis to solving problems faced by business management; understanding the economic basis for business policies and key economic concepts that affect business decisions. Economic and legal backgrounds of decisions on price, output, investment, and related matters; consequences of such decisions. *Prerequisite:* Principles of Economics; Statistics recommended.

580. Special Topics. 3 hrs.
Topics may include global economic restructuring, business and public policy, monetary theory, banking, portfolio management, physical distribution, advertising, production, humanities and management, advanced computer applications or other areas of contemporary business interest.

585. Business and Society. 3 hrs.
The ethical core of managerial problems: ethics and the free market ideology; the competitive advantage of ethics-based thinking; uncovering organizational ground rules; breaking the gridlock of competing interests; three ethical conceptual "tools;" resolving conflicts between business ethics and public ethics; why organizations should have weak cultures and strong ethics; purpose, creativity, and responsibility. Extensive use of case studies and student presentations.

590. Executive Communications. 3 hrs.
The implications and importance of clear, correct and coherent communication in the business environment. Oral presentations and writing effective letters, memos and reports.

595. Business Policy. 3 hrs.
Capstone course, taken near the end of the program, to integrate the functional areas of accounting, finance, management and marketing. Patterned after the Harvard case method. Out-of-class reading, analysis, and study group interaction; written communication, panel discussions and oral reports. *Prerequisites:* BA 500, 515, 520, 530, 570.

Graduate Programs in Teaching

Wesleyan offers a Master of Education program for elementary and secondary teachers. Emphasis is placed on the practical applications for teaching. Secondary teachers can specialize in any of the following areas: Art, English, Health Education, Home Economics, Mathematics, Music, Physical Education, Science (Biology, Chemistry, General Science, or Physics), Social Science, and Speech Communication and Dramatic Arts.

A Master of Arts in Teaching program is also available for persons who do not have formal certification to teach but have special objectives for preparation in the field of education. Acceptance into and approval of such a course of study would be considered on an individual case basis upon application to the Graduate Committee.

Admission:

Admission to graduate courses: A student in possession of an earned bachelor's degree may be permitted to register for selected graduate courses.

Admission to candidacy: The Graduate Committee considers applications for admission to candidacy made through the Admission Office based upon submission of the following credentials:

1) Valid teaching certificate in the area of major emphasis.
2) One year's teaching experience (for M.Ed.).
3) Acceptable Miller Analogies Test results. (35th percentile)
4) Official undergraduate (recommended 3.0 GPA) and graduate transcripts.
5) Application for Admission to candidacy.
6) Degree Plan. (worked out with a faculty advisor)

A student who scores below the 35th percentile on the Miller Analogies Test may retake it two times to achieve an acceptable score.

Admission to the program implies admission to Plan I. Admission to Plan II requires acceptance of a proposal after completion of Educ. 500 and Educ. 501. Plan III is for persons in the field of music education who wish to concentrate on conducting.

Each person admitted to the program will be assigned an advisor in the Department of Education.

Academic Regulations:

1) No more than 12 hours ("B" or above) of applicable graduate credit may be accepted upon admission to candidacy, including transfer and Wesleyan credit. Graduate transfer work must be deemed appropriate to the graduate student's degree plan and have been completed within seven years of the candidate's enrollment in the student's first graduate course at Wesleyan.

2) A minimum of 3.0 ("B" average) is required for graduate students. Grades below "C" may not be counted toward the degree, nor may credits over ten years old. One course in which a grade below "C" was earned may be repeated.

3) A student not admitted to candidacy based upon a review of the required credentials may reapply after completion of 9 to 12 successful hours of Wesleyan graduate credit with grades of "B" or better.

4) A graduate student who falls below a 3.0 ("B" average) in the areas of Professional Development, Major Emphasis or overall graduate course work will lose status as a degree candidate.

5) A student may enroll for no more than 15 hours in a summer (normally 6 and a maximum of 9 in any major summer term). No more than 12 hours of graduate credit may be taken in the fall or spring semester.

6) A course taken for undergraduate credit may not be taken again for graduate credit.

Graduation Requirements:

Plan I — minimum of 36 hours

1. Professional Development ..... 15 hours
*2. Teaching Emphasis ..... 21 hours
3. Intent to graduate filed one semester prior to graduation

Plan II — minimum of 36 hours

1. Professional Development ..... 15 hours
*2. Field Project ..... 3-6 hours
*3. Thesis or creative project ..... 3-6 hours
*4. Electives ..... 6-12 hours
5. Intent to graduate filed one semester prior to graduation

Plan III — minimum of 36 hours

1. Professional Development ..... 12 hours
2. Major Emphasis in Conducting .... 24 hours
3. Intent to graduate filed one semester prior to graduation

Professional Development (15 hours in all Plans except III)

500. Curriculum Development ..... 3 hours
501. Educational Research ..... 3 hours
502. Analysis of Teaching ..... 3 hours
503. Advanced Educational Psychology 3 hours
504. Philosophy of Education or
505. Contemporary Issues ..... 3 hours

Teaching Emphasis

1. Elementary Teachers emphasis in Classroom Teaching
   a. Methods course ..... 3 hours
      Selected from:
      Prescriptive Reading
      Teaching Elementary School Science
      Teaching Elementary School Math
      Supervision of Student Teachers
      Teaching Elementary Social Studies

*advisor's approval required

b. Program electives ..... 18 hours
Chosen with advisor's approval from:
Other Education courses
Courses from other subject departments of the College (with graduate project)
Thesis, Field Project, or Creative Project

2. Secondary Teachers emphasis in Classroom Teaching
   a. Subject specialization courses .. 15 hours
   Selected from courses not previously taken in an academic department offering a teaching field.
   b. Electives ..... 6 hours
   Chosen in consultation with advisor from:
   Education courses
   Upper level courses from any area of the College outside the subject specialization department, with no more than one course from a single area
   Thesis, Field Project, or Creative Project
3. Emphasis in Conducting for students wishing to enlarge and deepen their ability to decide upon music to perform, prepare music in relation to structure and style, rehearse the music so that the process is one of growth for both the group and the conductor, and conduct a high quality performance: the following courses listed in the Music Department should be taken at the graduate level: Music 70, 71, 72, 73, 74, 75, 76, 77. A placement exam will be administered at the beginning of the student's matriculation.

Graduate Courses

Undergraduate courses approved by advisor and accompanied by a graduate project supervised by the Department of Education may be taken for graduate credit.

500. Curriculum Development. 3 hrs.
Provides the experienced teacher with an opportunity to analyze major impacts on our curriculum, to critique curricular models, and to study major educators' influence on the curriculum.

501. Educational Research. 3 hrs.
Explains various theories involved in scientific method and the research techniques employed in educational investigations.

502. Analysis Of Teaching. 3 hrs.
Provides experienced teachers an opportunity for investigating and analyzing roles, styles, strategies, methods, and models of teaching.

503. Advanced Educational Psychology. 3 hrs.
Provides educational theories that can be related to classroom practices.

504. Philosophy of American Education. 3 hrs.
Examines various philosophies of education and their relative value to the profession of teaching.

505. Contemporary Issues in Education. 3 hrs.
Presents various current and controversial issues which are of importance to the present-day educational classroom.

510. Prescriptive Reading. 3 hrs.
Acquaints the student with methods, materials, and research related to techniques of teaching reading, diagnosing problems and developing prescriptive techniques.

511. Teaching Elementary School Mathematics. 3 hrs.
Presents content, methodology and instructional materials for a contemporary elementary school mathematics program. Stresses use of learning theories and deals with motivation, readiness, evaluation, and individual differences in selecting, organizing, and presenting mathematical content for elementary children.

512. Teaching Elementary School Science. 3 hrs.
Explores the objectives, methods, and instructional emphases of elementary school science. Stresses study and application of various learning theories.

518. Teaching of Reading Practicum. 3 hrs.
A course designed for teachers who have experience in reading and who are currently teaching. The course integrates college classwork with the teacher's classroom. *Prerequisite:* six hours in reading and classroom experience.

520. Developmental Field Project. 3 hrs.
On-the-job development of curriculum, teaching methods, and/or learning materials. *Prerequisites:* Educ. 501 and approval of graduate committee.

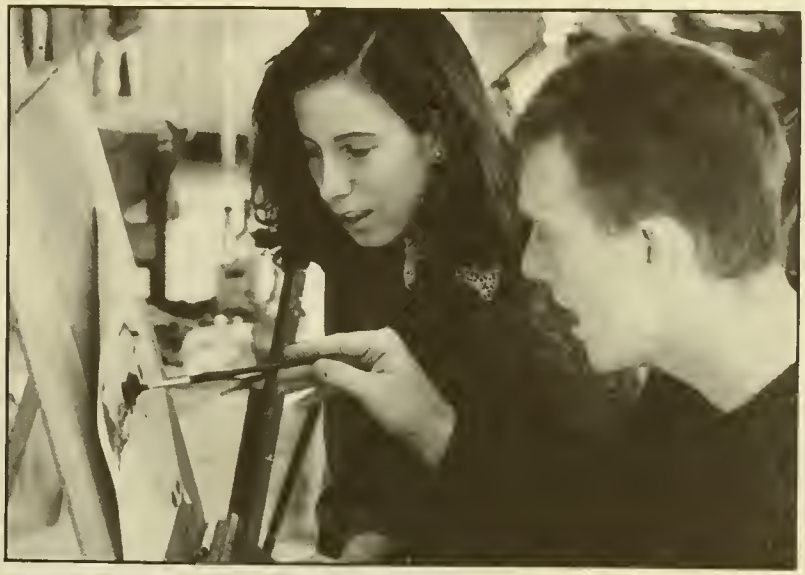
521. Implementation Field Project. **3 hrs.**
On-the-job application of curriculum, teaching methods, and/or learning materials. *Prerequisites:* Educ. 501 and approval of graduate committee.

524. Creative Project. **3 hrs.**
Ordinarily will involve a proposal, defense, implementation, and summary of results in a presentation suitable for Library shelving containing a combination of several of the following: written report, computerized document, learning center product, audio or visual aids. The project usually will take the form of a detailed documentary of Educ. 520, or refinement and/or expansion of Educ. 521.

525. Thesis. **3 hrs.**
Proposal and defense of thesis, including review of the literature. *Prerequisites:* Educ. 501 and approval of graduate committee.

526. Thesis. **3 hrs.**
Thesis completed, accepted by thesis committee, and bound for Library files. *Prerequisites:* Educ. 525 and approval of graduate committee.

580. Special Topics. **1-3 hrs.**
An examination of a selected topic. Initiated either from the special interest of the department members or in response to current student interest.



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William A. Young

The Faculty

Thomas B. Courtice
President of the College (1986). B.S., University of Pittsburgh; M.B.A., Indiana University; Ph.D., University of Minnesota.

Dallas B. Bailey, Jr.
Professor of Sociology and Dean of Church Relations (1979). B.A., Salem College; M.S.W., West Virginia University; M.A., Ph.D., Kent State University.

Richard F. Allen
Assistant Professor of Speech Communication (1988). B.A., B.S.Ed., M.A., University of Delaware.

J. Peter Bercovitz
Professor of Religion (1965). B.A., Occidental College; B.D., San Francisco Theological Seminary; Ph.D., University of Edinburgh.

Michael L. Berry
Professor of Mathematics (1966). B.S., West Virginia Institute of Technology; M.A., Pennsylvania State University.

Robert S. Braine
Professor of Health and Physical Education (1969). B.S., Lock Haven State College; M.A.T., University of North Carolina; Ed.D., West Virginia University.

Howard H. Bright
Professor of Sociology and Assistant Dean (1967). B.S., University of Pittsburgh; S.T.B., Th.D., Boston University.

John P. Burgess
Professor of Education (1971). B.S., Purdue University; M.A.T., Miami University; M.A., Ed.D., Ball State University.

Barbara R. Byrer
Assistant Professor of Education (1984). B.S., Bloomsburg State College; M.A., Ed.D., West Virginia University.

Robert J. Cable
Instructor in Health and Physical Education and Head Athletic Trainer (1987). B.S., West Virginia Wesleyan College, M.S., West Virginia University.

Richard S. Calef
Professor of Psychology (1970). B.A., University of Bridgeport; M.A., Ph.D., Southern Illinois University.

Ruth A. Calef
Associate Professor of Psychology (1971). B.A., North Central College; M.A., Ph.D., Southern Illinois University.

Margaret C. Campbell
Assistant Professor of Nursing (1976). B.S.N., Alderson-Broaddus College; M.S.N., West Virginia University.

Ernest Capstack, Jr.
Professor of Chemistry (1964). B.S., Massachusetts Institute of Technology; M.S., University of Rhode Island; Ph.D., Brown University.

Kent H. Carpenter
Assistant Professor of Health and Physical Education and Director of Athletics (1969). B.A., West Virginia Wesleyan College; M.Ed., Ohio University.

Marvin H. Carr III
Associate Professor of Christian Education and Church Leadership and Director of Parish Ministry (1974). B.S., M.A., West Virginia University; B.D., Duke Divinity School; S.T.M., Union Theological Seminary; D.Min., Methodist Theological School of Ohio.

Roger D. Chelf
Associate Professor of Physics and Engineering (1988). B.S., M.S., University of Kentucky; Ph.D., Georgia Institute of Technology

Michael C. Choban
Associate Professor of Psychology (1982). B.A., West Virginia Wesleyan College; M.A., Ph.D., West Virginia University.

Richard C. Clemens
Associate Professor of Business (1977). B.B.A., Ohio University; M.B.A., Bowling Green State University.

Carl M. Colson
Professor of Biology (1969). B.S., University of Nebraska; Ph.D., University of Florida.

Herbert R. Coston, Jr.
Professor of History (1962). B.A., University of Florida; B.D., Garrett Theological Seminary; M.A., Ph.D., Northwestern University.

Phyllis E. Coston
Associate Professor of Education and Director of the Learning Center (1963). A.B., West Virginia Wesleyan College; M.A., Northwestern University.

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